Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Acetal	21	70	3.6	Arsenic Trichloride	66	150	7.0
Acetal Bromide	Ambient	Ambient	16.5	Arsenic Triiodide	150	302	7.0
Acetal Doxime	20	68	3.4	Arsine	-100	-148	2.5
Acetaldehyde	5	41	21.8	Arsine	-50	-58	2.7
Acetaldoxime	Ambient	Ambient	3.4	Arsole	Ambient	Ambient	2.3
Acetamide	20	68	41.0	Aviation Spirit (100 Octane)	25	77	3.0
Acetamide	82	180	59.0	Azelaic Acid Diethylester	Ambient	Ambient	5.0
Acetic Acid	2	36	4.1	Azoxybenzene	40	104	5.1
Acetic Acid	20	68	6.2	Basalt	Ambient	Ambient	2.5
Acetoacetic Acid Ethyl Ester	Ambient	Ambient	15.0	Bauxite	Ambient	Ambient	2.5
Acetone	0	32	1.0	Beer Brew	Ambient	Ambient	25.0
Acetone	25	77	20.7	Bentonite	Ambient	Ambient	8.1
Acetone	53	127	17.7	Benzal Chloride	20	68	6.9
Acetonitrile	21	70	37.5	Benzaldehyde	20	68	17.8
Acetonitrile	82	179.6	26.6	Benzaldehyde Oxime	20	68	3.8
Acetophenone	25	77	17.4	Benzaldoxime	20	68	3.8
Acetophenone	201	394	8.6	Benzene	20	68	2.3
Acetoxime	-4	24	3.0	Benzene	25	77	2.3
Acetoxime	24	75	23.9	Benzene	135	275	2.1
Acetyl Acetone	20	68	23.1	Benzene	371	700	1.0
Acetyl Bromide	20	68	16.5	Benzenethiol	25	77	4.4
Acetyl Chloride	2	35.6	16.9	Benzil	94	202	13.0
Acetyl Chloride	22	71.6	15.8	Benzol Chloride	70	158	22.1
Acetyle Acetone	20	68	25.0	Benzonitrile	20	68	26.0
Acetylene Dibromide	Ambient	Ambient	7.2	Benzonitrile	40	104	24.0
Acetylene Tetrabromide	Ambient	Ambient	5.6	Benzophenone	20	68	13.0
Aconite Acid Ester	Ambient	Ambient	6.3	Benzophenone	50	122	11.4
Activated Carbon	Ambient	Ambient	12.0	Benzotrichloride	20	68	7.4
Adipic Acid	Ambient	Ambient	1.8	Benzoyl Bromide	25	77	20.7
Aerosile	Ambient	Ambient	1.0	Benzoyl Chloride	0	32	23.0
Alcohol	Ambient	Ambient	23.0	Benzoyl Chloride	20	68	19.0
Allyl Alcohol	14	58	22.0	Benzoyl Chloride	20	68	23.0
Allyl Chloride	20	68	8.2	Benzoyl Chloride	70	158	22.1
Allyl Iodide	19	66	6.1	Benzoylacetone	20	68	3.8
Alumina	Ambient	Ambient	4.5	Benzyl Acetate	21	69.8	5.1
Aluminum Bromide	100	212	3.4	Benzyl Alcohol	20	68	13.1
Aluminum Carbonate	Ambient	Ambient	5.6	Benzyl Alcohol	70	158	9.5
Aluminum Chlorate	Ambient	Ambient	5.1	Benzyl Benzoate	20	68	4.8
Aluminum Ether	Ambient	Ambient	3.1	Benzyl Chloride	13	55.4	7.0
Aluminum Fluoride	Ambient	Ambient	2.2	Benzyl Chloride	20	68	6.4
Aluminum Hydroxide	Ambient	Ambient	2.2	Benzyl Cyanide	20	68	18.3
Aluminum Phosphate	Ambient	Ambient	6.0	Benzyl Cyanide	68	155	6.0
Aluminum Sulfate	Ambient	Ambient	2.6	Benzyl Ethyl Ether	20	68	3.9
Ammonia	-59	-74	25.0	Benzyl Ethylamine	20	68	4.3
Ammonia	-34	-30	22.0	Benzyl Methylamine	19	67	4.4
Ammonia	4	40	18.9	Benzyl Salicylate	20	68	4.1
Ammonia	21	69	16.5	Benzylamine	Ambient	Ambient	4.6
Ammonia Solution (25%)	Ambient	Ambient	31.6	Beryl	Ambient	Ambient	6.0
Amyl Acetate	20	68	5.0	Biphenyl	Ambient	Ambient	20.0
Amyl Alcohol	20	68	15.8	Bis(2-hydroxyethyl) Ether	20	68	31.7
Amyl Benzoate	20	68	5.1	Bitumen	Ambient	Ambient	3.5
Amyl Bromide	10	50	6.3	Biwax	Ambient	Ambient	2.5
Amyl Chloride	11	52	6.6	Black Liquor	Ambient	Ambient	32.0
Amyl Ether	16	60	3.1	Bone Black	Ambient	Ambient	5.5
Amyl Iodine	19	66	5.7	Bore Oil Emulsion	Ambient	Ambient	25.0
Amylamine	22	72	4.6	Bornyl Acetate	21	70	4.6
Aniline	0	32	7.8	Bornyl Acetate-dl	21	69.8	4.6
Aniline	20	68	7.3	Bornyl Chloride	94	202	5.2
Aniline	100	212	5.5	Boron Bromide	0	32	2.6
Anisaldehyde	20	68	15.8	BPA	20	68	5.0
Anisole	20	68	4.3	Brine	Ambient	Ambient	32.0
Antimony Hydride	Ambient	Ambient	1.8	Bromal	21	70	7.6
Argon	-191	-311	1.5	Bromine	0	32	1.0
Argon	20	68	1.0	Bromine	20	68	3.1
Arsenic Tribromide	37	98	9.0	Bromo(1)-2-Chlorobenzene	20	68	6.8
Arsenic Trichloride	21	70	12.4	Bromo(1)-2-Ethoxypentane	25	77	6.5

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Bromo(1)-2-Methylpropane	25	77	7.2	Bromoundecane-1	-9	16	4.7
Bromo(1)-3-Chlorobenzene	20	68	4.6	Bromyl Chloride	34	94	5.2
Bromo(1)-3-Methylbutane	20	68	6.1	Butane	-1	30	1.4
Bromo(2)-2-Ethoxypentane	25	77	6.4	Butanediol-1,4	30	86	30.0
Bromo(2)-3-Methylbutyric Acid	20	68	6.5	Butanedoil-1,3	25	77	28.8
Bromo(3)-3-Ethoxypentane	25	77	8.2	Butanethiol-1	50	122	4.6
Bromo-2-Othxypentane	24	76	6.5	Butanoic Acid	Ambient	Ambient	3.0
Bromoacetyl Bromide	20	68	12.6	Butanol-1	25	77	17.1
Bromoaniline	-7	19	13.0	Butanol-2	25	77	15.8
Bromoaniline	19	66	13.0	Butanol-dl-2	25	77	16.6
Bromoaniline-3	19	66.2	13.0	Butanone	20	68	18.5
Bromoaniline-4	30	86	7.1	Butanone Oxime-2	20	68	3.4
Bromoaniline-m	19	66.2	13.0	Butanone-2	20	68	18.5
Bromoanisole	30	86	7.1	Butenenitrile-3	20	68	28.1
Bromobenzene	20	68	5.4	Butoxyethanol-2	25	77	9.3
Bromobenzene	25	77	5.4	Butoxyethyne	25	77	6.6
Bromobutane-1	20	68	7.1	Butycic Anhydride	-7	20	12.0
Bromobutane-dl-2	25	77	8.6	Butycic Anhydride	20	68	12.0
Bromobutylene	20	68	5.8	Butyl Acetate	20	68	5.0
Bromobutyric Acid	20	68	7.2	Butyl Alcohol-n	19	66	7.8
Bromochloromethane	Ambient	Ambient	7.8	Butyl Bromide-n	20	68	6.6
Bromocotyl Bromide	20	68	12.6	Butyl Chloral	18	64	10.0
Bromoctadecane	Ambient	Ambient	3.5	Butyl Chloride	20	68	9.6
Bromocyclohexane	25	77	7.9	Butyl Formate	80	176	2.4
Bromodecane	24	76	4.4	Butyl Formate-n	-194	-317	2.4
Bromodecane-1	25	77	4.4	Butyl Iodide-n	25	77	6.1
Bromodeodecane	24	76	4.1	Butyl Nitrate	20	68	13.0
Bromodocosane	54	130	3.1	Butyl Oleate	25	77	4.0
Bromododecane-1	25	77	4.1	Butyl Stearate	30	86	3.1
Bromododocane	24	76	4.1	Butylacetate	19	66	5.1
Bromodoecane	24	75	4.1	Butylacetate-n	-7	19	5.1
Bromoethane	20	68	9.4	Butylacetate-n	0	32	5.3
Bromoethylene	25	77	4.8	Butylamine	20	68	4.9
Bromoform	20	68	4.4	Butylamine	21	70	5.4
Bromoheptane	24	76	5.3	Butylamine-sec	21	69.8	4.4
Bromoheptane-1	90	194	4.5	Butylbenzene	20	68	2.4
Bromoheptane-2	22	71.6	6.5	Butylbenzene-sec	20	68	2.4
Bromoheptane-3	22	71.6	6.9	Butylbenzene-tert	20	68	2.4
Bromoheptane-4	22	71.6	6.8	Butyraldehyde	26	78.8	13.4
Bromohexadecane-1	25	77	3.7	Butyric Acid	Ambient	Ambient	2.8
Bromohexadeoane	Ambient	Ambient	3.7	Butyric Acid	20	68	3.0
Bromohexadeone	24	76	24.4	Butyric Acid-n	20	68	2.9
Bromohexane	24	76	5.8	Butyric Anhydride	Ambient	Ambient	12.0
Bromohexane-1	25	77	5.8	Butyric Anhydride	20	68	12.9
Bromoisovoleric Acid	20	68	6.5	Butyrolactone-4	20	68	39.1
Bromomethane	0	32	9.8	Butyronitrile	21	70	20.7
Bromonaphthalene	19	66	5.1	Cable Oil	24	75	2.2
Bromonaphthalene-1	20	68	5.1	Calcium	Ambient	Ambient	3.0
Bromononane-1	25	77	4.7	Calcium Carbonate	Ambient	Ambient	6.1
Bromooctane-1	-50	-58	6.4	Calcium Fluoride	Ambient	Ambient	2.5
Bromooctodecone	30	86	3.5	Calcium Superphosphate	Ambient	Ambient	14.0
Bromopentadecane	20	68	3.9	Camphanedione	203	398	16.0
Bromopentadecane-1	20	68	3.9	Camphene	20	68	2.7
Bromopentaeocone	20	68	3.9	Camphene	40	104	2.3
Bromopentane-1	25	77	6.3	Camphene	40	104	2.3
Bromophropionic Acid	20	68	11.0	Camphene-d	40	104	2.3
Bromopropane-1	25	77	8.1	Campher, Crystal	Ambient	Ambient	10.0
Bromopropane-2	25	77	9.5	Camphoric Imide 4	27	80	5.5
Bromopropionic Acid	20	68	11.0	Camphorimide	249	480	5.5
Bromotetradecane-1	25	77	3.8	Camphorpinacane	20	68	3.6
Bromotoluene	20	68	5.1	Camprolactam Monomer	Ambient	Ambient	1.7
Bromotoluene-m	58	136.4	5.4	Caprilic Acid	-8	18	3.2
Bromotoluene-o	58	136.4	4.2	Caprilic Acid	-8	18	3.2
Bromotoluene-p	58	136.4	5.5	Caproic Acid	71	160	2.6
Bromotridecane	10	50	4.2	Caproic Acid	71	160	2.6
Bromoundecane	-9	15	4.7	Caprylic Acid	18	65	3.2

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Carbazole	Ambient	Ambient	1.3	Chloro(3)-1-Propene	20	68	8.2
Carbon Bisulfide	Ambient	Ambient	2.6	Chloroacetic Acid	20	68	21.0
Carbon Black	Ambient	Ambient	2.5	Chloroacetic Acid	60	140	12.3
Carbon Black	Ambient	Ambient	2.5	Chloroacetic Acid	20	68	21.0
Carbon Dioxide	0	32	1.6	Chloroacetone	20	68	29.8
Carbon Disulfide	20	68	2.6	Chloroaniline-cm	19	66	13.4
Carbon Disulfide	82	180	2.2	Chloroaniline-m	19	66.2	13.4
Carbon Disulphide	20	68	2.6	Chloroaniline-o	25	77	13.4
Carbon Disulphide	82	180	2.2	Chlorobenzene	25	77	5.6
Carbon Terachloride	20	68	2.2	Chlorobenzene	25	77	5.6
Carbon Tetrachloride	20	68	2.2	Chlorobenzene	38	100	4.7
Carbon Tetrachloride	25	77	2.2	Chlorobenzene	100	212	4.7
Carbonic Acid Gas	Ambien	Ambient	1.6	Chlorobenzene	120	248	4.2
Carbonylcyanid	Ambient	Ambient	10.7	Chlorobenzine, Liquid	Ambient	Ambient	5.5
Carnauba Wax	Ambient	Ambient	2.9	Chlorobutane-1	20	68	7.4
Carvenone	20	68	18.4	Chlorocelle Acid	-7	20	21.0
Carveol	18	64	11.2	Chlorocyclohexane	24	76	7.6
Carvone	22	71	11.0	Chlorodifluoromethane	24	75.2	6.1
Casein	Ambient	Ambient	6.1	Chlorododecane-1	20	68	4.2
Casein Resin	Ambient	Ambient	6.0	Chloroethanol-2	25	77	25.8
Cassiterite	Ambient	Ambient	23.4	Chloroform	0	32	5.5
Castor Oil	14	58	4.8	Chloroform	20	68	4.8
Castor Oil	24	75	2.6	Chloroform	100	212	3.7
Castor Oil, Hydrogenated	27	80	10.3	Chloroform (Trichlormethane)	0	32	5.5
Castor Oils	Ambient	Ambient	4.5	Chloroheptane	22	71	5.5
Caustic Potash	Ambient	Ambient	3.3	Chloroheptane-1	20	68	4.5
Cedrene	24	76	3.2	Chloroheptane-2	22	71.6	6.5
Cellit	Ambient	Ambient	1.6	Chloroheptane-3	22	71.6	6.7
Cellophane	Ambient	Ambient	3.2	Chloroheptane-4	22	71.6	6.5
Cellophane	Ambient	Ambient	7.0	Chlorohexanone Oxime	89	192	3.0
Celluloid	Ambient	Ambient	3.3	Chlorohydrate	20	68	3.3
Cellulose	Ambient	Ambient	3.2	Chloromethane	-20	-4	12.6
Cellulose Acetate (Molding)	Ambient	Ambient	3.2	Chloronaphthalene	24	76	5.0
Cellulose Acetate (Proxylin)	Ambient	Ambient	6.4	Chloronaphthalene-1	25	77	5.0
Cellulose Acetate (Sheet)	Ambient	Ambient	4.0	Chloronitrobenzene-m	80	176	18.0
Cellulose Acetate Butyrate	Ambient	Ambient	3.2	Chloronitrobenzene-o	80	176	32.0
Cellulose Nitrate (Proxylin)	Ambient	Ambient	6.4	Chloronitrobenzene-p	120	248	8.0
Cement	Ambient	Ambient	1.5	Chloroocelle Acid	20	68	21.0
Cement Asbestos	Ambient	Ambient	3.2	Chlorooctane	24	76	5.1
Ceramic Compound	Ambient	Ambient	17.0	Chlorooctane-1	25	77	5.1
Cerese Wax	Ambient	Ambient	2.4	Chloropentane-1	11	51.8	6.6
Cesium Iodine	Ambient	Ambient	5.6	Chlorophenol-o	19	66	8.2
Cetyl Alcohol	60	140	3.6	Chlorophenol-o	25	77	6.3
Cetyl Iodide	20	68	3.3	Chlorophenol-p	55	131	9.5
Chaff	Ambient	Ambient	1.5	Chlorophetane	Ambient	Ambient	5.4
Chamotte	Ambient	Ambient	1.8	Chloropropane-1	20	68	7.7
Chinaware, hard	Ambient	Ambient	4.7	Chloropropane-2	20	68	9.8
Chloorhydrin	Ambient	Ambient	31.0	Chlorotoluene	20	68	4.7
Chloracetic Acid	60	140	12.3	Chlorotoluene-m	20	68	5.6
Chloracetone	20	68	29.8	Chlorotoluene-o	20	68	4.5
Chloral	Ambient	Ambient	6.7	Chlorotoluene-p	20	68	6.1
Chloral	20	68	4.9	Cholesterin	Ambient	Ambient	2.9
Chloral Hydrate	15	59	5.5	Cholesterol	27	80	2.9
Chlorhexanone Oxime	89	192	3.0	Chorine	77	170	1.7
Chlorinated Lime	Ambient	Ambient	2.3	Chrome Ore	Ambient	Ambient	8.0
Chlorine	-46	-50	2.1	Chrome, Ore	Ambient	Ambient	7.7
Chlorine	0	32	2.0	Chrome, Pure	Ambient	Ambient	12.0
Chlorine	0	32	2.0	Chromite	Ambient	Ambient	4.0
Chlorine	61	142	1.5	Chromyl Chloride	20	68	2.6
Chlorine	77	170.6	1.7	Cinnamaldehyde	24	75.2	16.9
Chloro(1)-2-2,3-Epoxypropane	22	71.6	22.6	Cis-3-Hexene	24	76	2.1
Chloro(1)-2-Methylpropane	14	57.2	6.5	Citraconic Anhydride	20	68	40.3
Chloro(1)-2-Propanone	19	66.2	30.0	Citraconic Nitrile	Ambient	Ambient	27.0
Chloro(1)-3-Methylbutane	20	68	6.1	Clycol	10	50	35.6
Chloro(2)-2-Methylpropane	20	68	10.0	Coal Tar	Ambient	Ambient	2.0
Chloro(3)-1, Dihydroxyprone	20	68	31.0	Coconut Oil (Refined)	Ambient	Ambient	2.9

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Coke	Ambient	Ambient	1.5	Decamethyltetrasiloxane	20	68	2.4
Cola Essence	Ambient	Ambient	17.3	Decanal	Ambient	Ambient	8.1
Colophonium	Ambient	Ambient	2.5	Decane	130	266	1.8
Compound	Ambient	Ambient	3.6	Decane-n	20	68	2.0
Copper Catalyst	Ambient	Ambient	6.0	Decanol-1	20	68	8.1
Copper Oleate	20	68	2.8	Decylene	17	62	2.7
Copper Oxide	Ambient	Ambient	18.1	Decyne	20	68	2.2
Cordierite	Ambient	Ambient	2.5	Degalan	Ambient	Ambient	3.1
Corn Starch Syrup	Ambient	Ambient	18.4	Desmodur	Ambient	Ambient	10.0
Corning Glass	Ambient	Ambient	6.5	Deuterium	20	68	1.3
Cresol	Ambient	Ambient	9.0	Deuterium Oxide	25	77	78.3
Cresol	17	63	10.6	Dextrin	Ambient	Ambient	2.2
Cresol	24	75	5.0	Diacetone Alcohol	Ambient	Ambient	18.2
Cresol Resin	Ambient	Ambient	18.3	Diacetoxybutane	24	76	6.6
Cresol-m	24	75.2	5.8	Diallyl Sulfide	20	68	4.9
Cresol-o	-4	24	5.8	Diamond	Ambient	Ambient	5.5
Cresol-p	24	75	5.6	Diamylether	Ambient	Ambient	3.0
Crotonic Nitrice	20	68	28.0	Diaphenylmethane	Ambient	Ambient	2.7
Crystale	Ambient	Ambient	3.5	Diaplmitin	Ambient	Ambient	3.5
Cullet	Ambient	Ambient	2.0	Diatomaceous Earth	Ambient	Ambient	1.4
Cumaldehyde	15	59	11.0	Dibenzofuran	100	212	3.0
Cumene	20	68	2.4	Dibenzyl Decanedioate	25	77	4.6
Cuminaldehyde	Ambient	Ambient	10.7	Dibenzyl Sebacate	20	68	4.6
Cyan	Ambient	Ambient	2.6	Dibenzylamine	20	68	3.6
Cyanoacetic Acid	4	40	33.0	Dibroheptane	-4	24	5.1
Cyanoacetic Acid	19	66.2	33.4	Dibromobenzene	20	68	8.8
Cyanoethyl Acetate	20	68	19.3	Dibromobenzene-m	20	68	3.8
Cyanogen	23	73	2.6	Dibromobenzene-p	88	190	4.5
Cyclohedane	-7	20	2.0	Dibromobenzene-p	95	203	2.6
Cyclohenanone	20	68	18.2	Dibromobutane	20	68	5.7
Cycloheptasiloxane	20	68	2.7	Dibromobutane-2,3	25	77	5.8
Cyclohexadiene-1,3	-89	-128	2.6	Dibromoethane-1,2	131	267	4.1
Cyclohexane	20	68	2.0	Dibromoethylene-cis-1,2	0	32	7.7
Cyclohexane	25	77	2.0	Dibromoethylene-cis-1,2	25	77	7.1
Cyclohexane, liquid	Ambient	Ambient	18.5	Dibromoethylene-trans-1,2	25	77	2.9
Cyclohexanecarboxylic Acid	31	87.8	2.6	Dibromoheptane	24	76	5.1
Cyclohexanedione-1,4	25	77	15.0	Dibromoheptane-1,2	25	77	3.8
Cyclohexanemethanol	60	140	9.7	Dibromoheptane-2,3	25	77	5.1
Cyclohexanol	25	77	15.0	Dibromoheptane-3,4	25	77	4.7
Cyclohexanol	100	212	7.2	Dibromohexane	24	76	5.0
Cyclohexanone	20	68	18.2	Dibromomethane	10	50	6.7
Cyclohexanone Oxime	89	192	3.0	Dibromopropane	20	68	4.3
Cyclohexene	20	68	18.3	Dibromopropane-1,2	20	68	4.3
Cyclohexene	25	77	2.2	Dibromopropyl Alcohol	21	70	9.1
Cyclohexylamine	-21	-5	5.3	Dibromotetrafluoroethane	25	77	2.3
Cyclohexylamine	20	68	4.7	Dibutyl Decanedioate	30	86	4.5
Cyclohexylmethanol	80	176	8.1	Dibutyl Ether	25	77	3.1
Cyclohexylomine	-21	-5	5.3	Dibutyl o-phthalate	45	113	6.0
Cyclohexylphenol	54	130	4.0	Dibutyl Phthalate	30	86	6.4
Cyclohexylphenol-o	55	131	4.0	Dibutyl Sebacate	30	86	4.5
Cyclohexylphenol-p	131	268	4.4	Dibutyl Tartrate	43	109	9.4
Cyclohexyltrifluoromethane	-84	-120	11.0	Dibutylamine	20	68	3.0
Cyclohexyltrifluoromethane-1 4	20	68	11.0	Dichloro(1,1)-2-Propanone	20	68	14.0
Cyclopentane	20	68	1.9	Dichloroacetic Acid	-7	20	10.7
Cyclopentanol	20	68	18.0	Dichloroacetic Acid	22	71.6	8.2
Cyclopentanone	-49	-57	16.0	Dichloroacetic Acid	61	141.8	7.8
Cycolic Nitrile	Ambient	Ambient	27.0	Dichloroacetone	2	68	14.0
Cymene	17	62	2.3	Dichlorobenzene	53	127	2.8
Cymene-p	20	68	2.2	Dichlorobenzene-m	25	77	5.0
D-Cocaine	Ambien	Ambient	3.1	Dichlorobenzene-o	20	68	7.5
Debenzyl	60	140	2.5	Dichlorobenzene-o	25	77	9.9
Decahydronaphthalene	20	68	2.2	Dichlorobenzene-p	50	122	2.4
Decahydronaphthalene-cis	20	68	2.2	Dichlorobenzone-o	25	77	7.5
Decahydronaphthalene-trans	20	68	2.1	Dichlorobenzone-p	20	68	2.9
Decalin	Ambient	Ambient	2.1	Dichlorobutane-1,4	25	77	8.9
Decamethylcyclopentasiloxane	20	68	2.5	Dichlorocotone	20	68	14.0

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Dichloroethane-1,1	16	60.8	10.9	Dihydrocoroane	-7	18.9	8.7
Dichloroethane-1,2	20	68	10.7	Dihydroxybenzene-1,2	-89	-128	2.6
Dichloroethane-1,2	25	77	10.7	Dihydroxybenzene-1,3	18	64.4	3.2
Dichloroethane-2	Ambient	Ambient	10.7	Diimylamine	18	64	2.5
Dichloroethyl Ether-2,2	20	68	21.2	Diioamylene	17	62	2.4
Dichloroethylene	17	62	4.6	Diiodobenzene-1,2	20	68	5.7
Dichloroethylene-1,1	16	60.8	4.7	Diiodobenzene-1,3	25	77	4.3
Dichloroethylene-cis-1,2	25	77	9.2	Diiodobenzene-1,4	120	248	2.9
Dichloroethylene-trans-1,2	25	77	2.1	Diiodoethylene	82	180	4.0
Dichlorofluoromethane	28	82.4	5.3	Diiodoethylene-cis-1,2	83	181.4	4.5
Dichloromethane	20	68	9.1	Diiodoethylene-trans-1,2	83	181.4	2.2
Dichloropropane-1,2	35	95	7.9	Diiodomethane	-4	24.4	5.3
Dichloropropane-2,2	20	68	11.4	Diiodomethane	25	77	5.3
Dichlorostyrene	24	76	2.6	Diisoamyl	17	62	2.0
Dichlorotetrafluoroethane-1,2	25	77	2.3	Diisoamylene	Ambient	Ambient	2.4
Dichlorotoluene	20	68	6.9	Diisobutylamine	22	71	2.7
Dictyl Phthalate	Ambient	Ambient	5.1	Diisopentyl Ether	20	68	2.8
Dicyclohexyladipate	35	95	4.8	Diisopentylamine	18	64.4	2.5
Diebenzylamine	20	68	3.6	Diisopropyl Ether	25	77	3.9
Diesel Fuel	Ambient	Ambient	2.1	Dimethoxybenzene	23	73	4.5
Diethanolamine	25	77	2.8	Dimethoxybenzene-1,2	25	77	4.1
Diethoxyethane-1	24	76	3.8	Dimethoxyethane-1,2	25	77	7.2
Diethoxyethane-1,1	25	77	3.8	Dimethoxymethane	20	68	2.7
Diethyl 1-Malate	20	68	9.5	Dimethyl Ethyl	20	68	11.7
Diethyl Benzalmalonate	0	32	8.0	Dimethyl Ethyl	20	68	11.7
Diethyl Carbonate	Ambient	Ambient	2.8	Dimethyl Ethyl Carbinol	20	68	11.7
Diethyl Carbonate	20	68	2.8	Dimethyl Malonate	20	68	10.4
Diethyl Decanedioate	30	86	5.0	Dimethyl o-phthalate	45	113	8.1
Diethyl Detane	-1	30	6.7	Dimethyl Oxalate	20	68	3.0
Diethyl Disulfide	19	66	18.9	Dimethyl Pentane	-7	20	1.9
Diethyl Disulfide	19	66	15.9	Dimethyl Phthalate	24	75.2	8.5
Diethyl Dl-Malate	18	64	10.2	Dimethyl Succinate	20	68	5.1
Diethyl Ether	40	104	4.0	Dimethyl Sulfate	20	68	55.0
Diethyl Ethyl Phosphonate	45	113	9.9	Dimethyl Sulfate	20	68	46.4
Diethyl Fumarate	23	73.4	6.5	Dimethyl Sulfide	20	68	6.3
Diethyl Glutarate	30	86	6.7	Dimethyl Sulfite	23	73.4	22.5
Diethyl I-Malate	Ambient	Ambient	9.5	Dimethyl Sulfoxide	55	131	41.9
Diethyl Ketone	14	58	17.3	Dimethyl(3)-2-Butanone	145	293	13.1
Diethyl L-Malate	20	68	9.5	Dimethyl-1-Hydroxybenzene	17	62	4.8
Diethyl Malanata	-10	14.4	17.3	Dimethyl-2-Hexane	20	68	2.4
Diethyl Maleate	23	73.4	8.6	Dimethyl-o-Toluidine-N,N	20	68	3.4
Diethyl Malonate	21	70	7.9	Dimethyl-p-Toluidine-N,N	20	68	3.9
Diethyl Malonate	25	77	1.9	Dimethylacetamide-N,N	25	77	37.8
Diethyl Nonanedioate	30	86	5.1	Dimethylamine	0	32	6.3
Diethyl o-phthalate	45	113	7.1	Dimethylamine	25	77	5.3
Diethyl Oxalacetate	19	66	6.1	Dimethylaniline	20	68	4.4
Diethyl Oxalate	21	70	8.2	Dimethylaniline-N,N	70	158	4.4
Diethyl Racemate	20	68	4.5	Dimethylbromoethylene	20	68	6.7
Diethyl Sebacate	30	86	5.0	Dimethylbutane-2,2	25	77	1.9
Diethyl Succinate	30	86	6.6	Dimethylbutane-2,3	25	77	1.9
Diethyl Succinosuccinate	19	66	2.5	Dimethylbutyramide-N,N	Ambient	Ambient	2.0
Diethyl Sulfate	20	68	29.0	Dimethylformamide-N,N	25	77	36.7
Diethyl Sulfide	20	68	7.2	Dimethylheptane	20	68	1.9
Diethyl Sulfide	50	122	5.2	Dimethylheptane-2,4	20	68	1.9
Diethyl Sulfite	20	68	15.9	Dimethylheptane-2,5	20	68	1.9
Diethyl Sulfite	50	122	14.0	Dimethylheptane-2,6	20	68	2.0
Diethyl Tartrate	20	68	4.5	Dimethyloiline	-7	20	4.4
Diethyl Tortate	-7	20	4.5	Dimethylpentane	20	68	1.9
Diethyl Zinc	20	68	2.5	Dimethylpentane-2,2	20	68	1.9
Diethyl-Dimalate	Ambient	Ambient	10.2	Dimethylpentane-2,3	20	68	1.9
Diethylamine	20	68	3.7	Dimethylpentane-2,4	20	68	1.9
Diethylamine	20	68	3.7	Dimethylpentane-3,3	20	68	1.9
Diethylaniline	19	66	5.5	Dimethylphenol-3,4	17	62.6	4.8
Diethylaniline-N,N	19	66.2	5.5	Dimethylpropane-2,2	98	208.4	1.6
Dihydrocaroon	19	66	8.7	Dimethylpropionamide-N,N	Ambient	Ambient	33.1
Dihydrocarvone	19	66	8.5	Dimethylpyrazine-2,5	20	68	2.4

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Dimethylquinoxaline	24	76	2.3	Ethoxynaphthalene-1	19	66.2	3.3
Dimethylquinoxaline-2,3	25	77	2.3	Ethoxypentane	23	73	3.6
Dimethyltoluidine	20	68	3.3	Ethoxypentane-1	23	73.4	3.6
Dinitro Benzene-m	20	68	2.8	Ethoxytoluene	20	68	3.9
Dinitrogen Oxide	0	32	1.6	Ethoxytoluene-(alpha)	20	68	3.9
Dinitrogen Tetroxide	15	59	2.5	Ethyl (alpha)-bromobutyrate	20	68	8.0
Dinonyl o-phthalate	45	113	4.5	Ethyl 1-Brombutyrate	20	68	8.0
Dioctyl Decanedioate	27	80.6	4.0	Ethyl 2-Iodopropionate	20	68	8.8
Dioctyl Phthalate	24	76	5.1	Ethyl 3-Methylbutyrate	18	64.4	4.7
Diofan	Ambient	Ambient	32.0	Ethyl 4-Oxopentanoate	21	69.8	12.0
Dioxane 1, 4	25	77	2.2	Ethyl 9-Octadecenoate	25	77	3.2
Dioxane-1,4	25	77	2.2	Ethyl Acetate	20	68	6.4
Dipalmitin	72	161	3.5	Ethyl Acetate	25	77	6.0
Dipentene	20	68	2.3	Ethyl Acetate	77	170.6	5.3
Dipentyl Ether	25	77	2.8	Ethyl Acetoacetate	22	71.6	15.7
Dipentyl O-phthalate	45	113	5.6	Ethyl Acetoneoxalate	19	66	16.1
Dipentyl Sulfide	25	77	3.8	Ethyl Acetophenoneoxalate	19	66	3.3
Dipenylamine	52	125	3.3	Ethyl Amyl Ether	20	68	4.0
Diphemylmethane	110	230	2.4	Ethyl Benzene	20	68	2.5
Diphentymethane	17	62	2.6	Ethyl Benzene	24	76	3.0
Diphenyl	23	74	2.5	Ethyl Benzoate	20	68	6.0
Diphenyl	75	167	2.5	Ethyl Benzoylacetate	20	68	12.8
Diphenyl 1	19	66	2.5	Ethyl Benzoylacetoacetate	21	70	8.6
Diphenyl Ether	30	86	3.7	Ethyl Benzyl Ether	20	68	3.8
Diphenylamine	11	51	3.3	Ethyl Bromide	18	64	4.9
Diphenylamine	52	125.6	3.3	Ethyl Bromoisobutyrate	20	68	7.9
Diphenylethane	43	110	2.4	Ethyl Bromoproprionate	20	68	9.4
Diphenylethane	110	230	2.4	Ethyl Butyrate	20	68	5.1
Diphenylethane-1,2	110	230	2.4	Ethyl Carbamate	50	122	14.2
Diphenylmethane	26	78.8	2.6	Ethyl Carbonate	20	68	3.1
Dipropyl Ether	26	78.8	3.4	Ethyl Cellulose	Ambient	Ambient	2.8
Dipropyl Ketone	17	62	12.6	Ethyl Chloroacetate	20	68	11.6
Dipropylamine	21	70	2.9	Ethyl Chloroformate	20	68	11.3
Distearin	78	172	3.3	Ethyl Chloropropionate	20	68	10.1
Divinyl Ether	20	68	3.9	Ethyl Cinnamate	19	66	5.3
Docosane	50	122	2.0	Ethyl Crotonate	20	68	5.4
Dodecamethylcyclohexisloxane	20	68	2.6	Ethyl Cyanacetate	20	68	26.9
Dodecamethylpentasiloxane	20	68	2.5	Ethyl Cyclobutane	20	68	2.0
Dodecane	20	68	2.0	Ethyl Dichloroacetate	22	71.6	10.0
Dodecane-n	20	68	2.0	Ethyl Dodecanoate	142	287	2.7
Dodecanol	24	76	6.5	Ethyl Dodeconoate	20	68	3.4
Dodecanol-1	25	77	6.5	Ethyl Ether	-100	-148	8.1
Dodecyne	24	76	2.2	Ethyl Ether	-40	-40	5.7
Dodecyne-6	25	77	2.2	Ethyl Ether	Ambient	Ambient	4.7
Ehtyl Hydroxy-Tetracarboxylate	Ambient	Ambient	5.9	Ethyl Ether	20	68	4.3
Emulphor	Ambient	Ambient	4.0	Ethyl Ethoxybenzoate	21	70	7.1
Epichlorhydrin	20	68	22.9	Ethyl Formate	6	43	8.4
Epoxy Resin	Ambient	Ambient	2.5	Ethyl Formate	19	66	8.4
Epoxy Resin (Cast)	Ambient	Ambient	3.6	Ethyl Formate	25	77	7.2
Ethanediamine	20	68	14.2	Ethyl Formylphenylacetate	20	68	3.0
Ethanediol Diacetate-1,2	30	86	13.0	Ethyl Fumorate	23	73	6.5
Ethanediol-1,2	25	77	37.7	Ethyl Hexadecanoate	103	217	2.7
Ethanethiol	14	58	6.9	Ethyl Hydroxy-Tetrocaboxylate	Ambient	Ambient	2.7
Ethanethiolic Acid	20	68	13.0	Ethyl Iodide	20	68	7.4
Ethanol (Ethyl Alcohol)	25	77	24.3	Ethyl Isopentyl Ether	20	68	4.0
Ethanol (Ethyl Alcohol)	55	131	20.2	Ethyl Isothiocyanate	20	68	19.7
Ethelene Diamine	-8	18	16.0	Ethyl Lactate	25	77	13.1
Ethelene Diamine	18	64	16.0	Ethyl Levulinate	21	70	12.1
Ethelene Oxide	-1	30	13.9	Ethyl Maleate	23	73	8.5
Ethoxy(1)-2-Methylbutane	20	68	4.0	Ethyl Mercaptan	20	68	8.0
Ethoxy-3-Metylbutane	20	68	4.0	Ethyl Nitrate	20	68	19.7
Ethoxybenzene	20	68	4.2	Ethyl Oleate	28	82.4	3.2
Ethoxyethanol-2	24	75.2	29.6	Ethyl Palmitate	20	68	3.2
Ethoxyethyl Acetate	30	86	7.6	Ethyl Pentane	20	68	1.9
Ethoxyethyl Acetate-2	30	86	7.6	Ethyl Pentanoate	18	64.4	4.7
Ethoxynaphthalene	19	66	3.3	Ethyl Pentyl Ether	23	73.4	3.6

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Ethyl Phenylacetate	21	70	5.4	Fluorotoluene	30	86	4.2
Ethyl Polminate	20	68	3.2	Fluorotoluene-m	60	140	4.9
Ethyl Propionate	20	68	5.7	Fluorotoluene-o	60	140	3.9
Ethyl Salicylate	21	70	8.6	Fluorotoluene-p	60	140	5.3
Ethyl Salicylate	30	86	8.0	Fluorspar	Ambient	Ambient	6.8
Ethyl Silicate	20	68	4.1	Formalin	Ambient	Ambient	23.0
Ethyl Solicylate	-6	21.1	8.6	Formamide	20	68	84.0
Ethyl Stearate	40	104	3.0	Formamide	40	104	103.5
Ethyl Stearate	100	212	2.7	Formic Acid	16	60	58.0
Ethyl Thiocyanate	20	68	29.6	Forsterite	Ambient	Ambient	6.2
Ethyl Toluene	24	76	2.2	Freon 11	21	70	3.1
Ethyl Trichloroacetate	20	68	7.8	Freon 113	21	70	2.6
Ethyl Undeconoate	20	68	3.6	Freon 12	21	70	2.4
Ethyl Valerate	20	68	4.7	Fuller's Earth	Ambient	Ambient	1.8
Ethyl(2)-1-Butanol	90	194	6.2	Furaldehyde-2	50	122	34.9
Ethyl(2)-1-Hexanol	90	194	4.4	Furan	25	77	3.0
Ethylamine	10	50	6.9	Furan	25	77	3.0
Ethylamine	21	70	6.3	Furfural	20	68	41.9
Ethylaniline	20	68	5.9	Furfuraldehyde	20	68	41.9
Ethylaniline-n	20	68	5.8	Furfurol	20	68	42.0
Ethylcyclohexane	20	68	2.1	Gasoline	Ambient	Ambient	2.0
Ethylcyclopropane	20	68	1.9	Gasoline	21	70	2.0
Ethylene Carbonate	91	195.8	69.4	Gasoline	21	70	2.0
Ethylene Chlorhydrin	25	77	26.0	Gerber Oatmeal (in box)	Ambient	Ambient	1.5
Ethylene Chloride	20	68	10.5	Germanium Tetrachloride	25	77	2.4
Ethylene Chloride	20	68	10.5	Glucohepititol	120	248	27.0
Ethylene Chlorohydrin	24	75	25.0	Glucose (50%)	Ambient	Ambient	30.0
Ethylene Cyanide	58	136	58.3	Glue	Ambient	Ambient	2.0
Ethylene Diamine	18	64	16.0	Glycerine	Ambient	Ambient	47.0
Ethylene Diamine	18	64.4	16.1	Glycerine	Ambient	Ambient	43.0
Ethylene Dichloride	Ambient	Ambient	11.0	Glycerine	20	68	47.0
Ethylene Dinitrate	20	68	28.3	Glycerol	0	32	47.2
Ethylene Glycol	20	68	37.0	Glycerol	0	32	47.2
Ethylene Glycol	25	77	37.7	Glycerol	25	77	42.5
Ethylene Iodide	Ambient	Ambient	3.4	Glycerol	25	77	42.5
Ethylene Oxide	-4	25	14.0	Glycerol Phthalate (Cast Alkyd)	Ambient	Ambient	3.7
Ethylene Oxide	-1	30	13.9	Glycerol Triacetate	20	68	7.2
Ethylene Oxide	Ambient	Ambient	4.0	Glycerol Trinitrate	20	68	19.0
Ethylene Tetrafluoride	Ambient	Ambient	1.9	Glycerol Triocetate	21	70	6.0
Ethylene/Ethylic Resin	Ambient	Ambient	2.2	Glycerol Trioleate	26	78.8	3.2
Ethylenediamine	18	64	16.0	Glycerol Water	Ambient	Ambient	37.0
Ethylenediamine	20	68	14.2	Glycol	25	77	37.7
Ethyleneimine	25	77	18.3	Glycol	50	122	35.6
Ethylic Resin	Ambient	Ambient	2.2	Glycolic Nitrile	20	68	27.0
Ethylpentane-3	20	68	1.9	Glysantin	Ambient	Ambient	25.0
Ethyltoluene-p	25	77	2.2	Granuform	Ambient	Ambient	4.0
Etibine	-50	-58	2.5	Graphite	Ambient	Ambient	12.0
Eugenol	18	64	6.1	Green Vitriol	Ambient	Ambient	32.4
Fatty Acid	Ambient	Ambient	1.7	Guaiacol	-18	0	11.0
Fenchone	20	68	12.0	Guaiacol	Ambient	Ambient	11.0
Fenchone	20	68	12.0	Gypsum	Ambient	Ambient	2.5
Fermanium Tetrachloride	24	76	2.4	Gypsum	Ambient	Ambient	6.3
Ferric Oleate	20	68	2.6	Hagemannic Ester	20	68	10.6
Ferrochromium	Ambient	Ambient	1.5	Halowax	Ambient	Ambient	4.5
Ferromanganese	Ambient	Ambient	2.8	Heating Oil	Ambien	Ambient	2.1
Ferrosilicon	Ambient	Ambient	10.0	Heavy Oil	Ambient	Ambient	3.0
Ferrous Sulfate	14	58	14.2	Helium	-269	-453	1.0
Ferrozell	Ambient	Ambient	18.3	Helium	Ambient	Ambient	1.1
Fertilizer	Ambient	Ambient	4.3	Helium (Liquid)	Ambient	Ambient	1.1
Fish Oil	Ambient	Ambient	2.6	Helium-3	14	58	1.1
Fluorbenzene	Ambient	Ambient	6.4	Heptadecanone	60	140	5.3
Fluorine	-201	-330	1.5	Heptanal	Ambient	Ambient	9.1
Fluorine Resin	Ambient	Ambient	2.0	Heptanaldehyde	20	68	9.1
Fluoro(2)-2-Methylbutane	20	68	5.9	Heptane	20	68	1.9
Fluorobenzene	60	140	4.7	Heptane	70	158	1.9
Fluoropentane-1	20	68	4.2	Heptane-1	20	68	2.1

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Heptanoic Acid	22	71	2.5	Hydrogen Fluoride	0	32	84.2
Heptanoic Acid	71	160	2.6	Hydrogen Iodide	22	72	2.9
Heptanoic Acid	Ambient	Ambient	2.5	Hydrogen Peroxide	0	32	84.2
Heptanol-1	22	71.6	12.1	Hydrogen Peroxide (100%)	Ambient	Ambient	70.7
Heptanol-4	22	71.6	6.2	Hydrogen Peroxide (35%)	Ambient	Ambient	121.0
Heptanol-dl-2	22	71.6	9.2	Hydrogen Sulfide	-64	-84	9.3
Heptanol-dl-3	22	71.6	6.9	Hydrogen Sulfide	9	48	5.8
Heptanone	20	68	11.9	Hydroxy-4-Methy-2-Pentanone	24	76	18.2
Heptanone-2	100	212	8.3	Hydroxymethylene Camphor	30	86	5.2
Heptanone-3	22	71.6	12.9	Hydrozine	20	68	52.9
Heptanone-4	80	176	9.5	Ido-Iedohexodecane	20	68	3.5
Heptaonic Acid	71	160	2.6	Idoheptane	22	71	4.9
Heptene	Ambient	Ambient	2.1	Idohexane	20	68	5.4
Heptene-1	20	68	2.1	Idomethane	20	68	7.0
Heptonic Acield	22	71	2.6	Idooctane-2	20	68	5.8
Heptyl Alcohol	21	70	6.7	Idopentane-1	20	68	5.8
Hexachlorobutadiene	Ambient	Ambient	2.6	Idopoctane	24	76	4.6
Hexadecanol-1	50	122	3.8	Idotoluene	20	68	6.1
Hexadiene-2,4	25	77	2.2	Imidazole Pure	Ambient	Ambient	23.0
Hexamethyldisiloxane	20	68	2.2	Indanol	60	140	7.8
Hexamethylphosphoramide	20	68	30.0	Indonal	16	60	7.8
Hexane	-90	-130	2.0	Iodine	Ambient	Ambient	11.0
Hexane	20	68	1.9	Iodine	Ambient	Ambient	11.0
Hexane, Liquid	Ambient	Ambient	5.8	Iodine	42	107	118.0
Hexane-n	20	68	1.9	Iodine	121	250	18.0
Hexane-trans-3	24	76	2.0	Iodine	121	250	118.0
Hexanedinitrile	Ambient	Ambient	32.5	Iodine	140	284	11.0
Hexanenitrile	25	77	17.3	Iodioctane	Ambient	Ambient	4.6
Hexanoic Acid	71	159.8	2.6	Iodloctane	-4	24	4.6
Hexanol	24	76	13.3	Iodo(1)-2-Methylpropane	20	68	6.5
Hexanol-1	25	77	13.3	Iodo(1)-3-Methylbutane	19	66.2	5.6
Hexanone	15	59	14.6	Iodo(2)-2-Methylbutane	20	68	8.2
Hexanone-2	15	59	14.6	Iodobenzene	20	68	4.6
Hexene	Ambient	Ambient	2.1	Iodobenzene	20	68	4.6
Hexene-1	20	68	2.1	Iodobutane-1	130	266	4.5
Hexene-cis-3	24	76	2.1	Iodododecane-1	20	68	3.9
Hexomethyldisiloxane	20	68	2.2	Iodoethane	20	68	7.8
Hexyl Iodide	20	68	6.6	Iodoheptane	22	71	4.9
Hexylene	17	62	2.0	Iodoheptane-1	22	71.6	4.9
Hibiscus	Ambient	Ambient	2.8	Iodoheptane-3	22	71.6	6.4
Honey	Ambient	Ambient	24.0	Iodohexadecane-1	20	68	3.5
Hot Glue	Ambient	Ambient	2.3	Iodohexane	20	68	5.4
Hydrazine	20	68	52.0	Iodohexane-1	20	68	5.4
Hydrazine	20	68	52.9	Iodomethane	20	68	7.0
Hydrochloric Acid	20	68	4.6	Iodooctane	24	76	4.6
Hydrocyanic Acid	0	32	158.0	Iodopropane-1	20	68	7.0
Hydrocyanic Acid	20	68	114.0	Iodopropane-2	20	68	7.9
Hydrocyanic Acid	21	70	2.3	Iodotoluene	20	68	6.1
Hydrogen	100	212	1.0	Iodotoluene-p	35	95	4.4
Hydrogen	227	440	1.2	Ionone-(alpha)	18	64.4	11.0
Hydrogen	227	440	1.2	Ionone-(beta)	20	68	12.0
Hydrogen Bromide	-85	-121	7.0	Iron (III) Oxide Red	Ambient	Ambient	1.9
Hydrogen Bromide	24	76	3.8	Iron Pentacarbonyl	20	68	2.6
Hydrogen Chloride	-122	-188	12.0	Isoamyl Acetate	20	68	5.6
Hydrogen Chloride	28	82	4.6	Isoamyl Alcohol	23	74	15.3
Hydrogen Cyanide	21	70	95.4	Isoamyl Bromide	24	76	6.1
Hydrogen Fluoride	-73	-100	17.0	Isoamyl Butyrate	20	68	3.9
Hydrogen Fluoride	0	32	84.2	Isoamyl Chloracetate	20	68	7.8
Hydrogen Fluoride	23	73	11.0	Isoamyl Chloride	18	64	6.4
Hydrogen Iodide	-50	-58	3.4	Isoamyl Chloroformate	20	68	7.8
Hydrogen Iodide	22	72	2.9	Isoamyl Ether	Ambient	Ambient	2.8
Hydrogen Peroxide	0	32	84.2	Isoamyl Iodine	Ambient	Ambient	5.6
Hydrogen Sulfide	-84	-120	9.3	Isoamyl Propionate	20	68	4.2
Hydrogen Sulfide	9	48	5.8	Isoamyl Salicylate	20	68	5.4
Hydrogen Cyanide	21	70	95.4	Isoamyl Valerate	-7	19	3.6
Hydrogen Fluoride	-73	-100	17.0	Isoamyl Volerate	19	66	3.6

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Isobutanoic Acid	Ambient	Ambient	2.6	Kynar	Ambient	Ambient	2.0
Isobuthyl Resin	Ambient	Ambient	1.4	Lactic Acid	16	61	22.0
Isobutyl Acetate	20	68	5.6	Lactic Acid	19	66	19.4
Isobutyl Alcohol	-80	-112	31.7	Lactic Acid-dl	17	62.6	22.0
Isobutyl Alcohol	0	32	20.5	Lactonitrile	20	68	38.4
Isobutyl Alcohol	20	68	18.7	Lanolin	Ambient	Ambient	4.2
Isobutyl Alcohol	20	68	18.7	Lard	80	176	2.1
Isobutyl Amine	Ambient	Ambient	4.4	Latex	Ambient	Ambient	24.0
Isobutyl Benzene	Ambient	Ambient	2.3	Laughing Gas	Ambient	Ambient	1.5
Isobutyl Benzene	17	62	2.3	Lauric Acid Ethyl Ester	Ambient	Ambient	3.4
Isobutyl Benzoate	-7	20	5.9	Lead Nomoxide	16	60	25.9
Isobutyl Benzoate	20	68	5.9	Lead Oleate	17	62	3.3
Isobutyl Bromide	-7	20	4.0	Lead Tetrachloride	20	68	2.8
Isobutyl Bromide	-7	20	4.0	Lime	Ambient	Ambient	2.2
Isobutyl Bromide	20	68	6.6	Lime, Reburned	Ambient	Ambient	2.2
Isobutyl Bromide	20	68	6.6	Limonene	20	68	2.3
Isobutyl Butyrate	20	68	4.0	Limonene-d	20	68	2.4
Isobutyl Chloride	20	68	7.1	Limonene-dl	20	68	2.3
Isobutyl Chloroformate	20	68	9.2	Linoleic Acid	0	32	2.6
Isobutyl Cyanide	23	74	13.3	Linoleic Acid	0	32	2.6
Isobutyl Formate	19	66	6.5	Linoleic Acid	20	68	2.7
Isobutyl Iodide	20	68	5.8	Lityium Chloride	Ambient	Ambient	11.1
Isobutyl Methyl Ketone	Ambient	Ambient	13.0	Lonone	18	65	10.0
Isobutyl Nitrate	19	66	11.9	LPG	Ambient	Ambient	1.6
Isobutyl Pentanoate	19	66.2	3.8	Maganese Dioxide	Ambient	Ambient	5.0
Isobutyl Rininoleate	21	70	4.7	Magnesium Sulfate	Ambient	Ambient	8.2
Isobutyl Silane	Ambient	Ambient	2.5	Maleic Anhydride	60	140	51.0
Isobutyl Valerate	19	66	3.8	Malic Acid Diethylester	Ambient	Ambient	1.0
Isobutylamine	21	70	4.5	Malonic Nitrate	36	97	47.0
Isobutylene Bromide	20	68	4.0	Malonic Nitrile	36	97	47.0
Isobutyric Acid	20	68	2.7	Malt	Ambient	Ambient	2.7
Isobutyric Acid	50	122	2.7	Mandelic Acid Nitril	23	73	18.1
Isobutyric Anhydride	20	68	13.9	Mandelonitrile	23	73	17.0
Isobutyronitrile	Ambient	Ambient	23.9	Mandelonitrile-dl	23	73.4	17.8
Isobutyronitrile	24	75	20.8	Mandenitrile	23	73	17.0
Isocapronitrile	20	68	15.7	Mannitol	22	71	3.0
Isocyanate	Ambient	Ambient	6.1	Media	T/ÂºC	T/ÂºF	0.0
Isoiodohexadecane	Ambient	Ambient	3.5	Melamine Formaldehyde	Ambient	Ambient	5.5
Isonofrol	21	70	3.4	Menthenol	43	110	2.1
Isooctane	Ambient	Ambient	2.1	Menthol	Ambient	Ambient	3.2
Isopentyl Acetate	30	86	4.6	Menthol	6	42	4.0
Isopentyl Butyrate	20	68	4.0	Menthol	42	107	4.0
Isopentyl Penanoate	19	66.2	3.6	Menthyl Propyl Ketoxime	20	68	3.3
Isopentyl Propionate	20	68	4.2	Mercury	148	298	1.0
Isophthalic Acid	Ambient	Ambient	1.4	Mercury Bichloride	Ambient	Ambient	3.2
Isoprene	25	77	2.1	Mercury Chloride	Ambient	Ambient	7.0
Isoprene	25	77	2.1	Mercury Diethyl	20	68	2.3
Isopropanol	Ambient	Ambient	18.0	Mesityl Oxide	20	68	15.4
Isopropyl Alcohol	20	68	18.3	Mesitylene	Ambient	Ambient	3.4
Isopropyl Alcohol	20	68	15.7	Mesitylene	20	68	2.4
Isopropyl Benzene	20	68	2.4	Methal Cyanacetate	21	69	29.4
Isopropyl Ether	25	77	3.9	Methane	-173	-280	1.7
Isopropyl Nitrate	19	66	11.5	Methanol	20	68	33.6
Isopropyl(1)-4-Methylbenzene	20	68	2.2	Methanol	25	77	32.6
Isopropylamine	20	68	5.5	Methanol	25	77	32.6
Isopropylbenzene	20	68	2.4	Methlamine	21	70	10.5
Isoquinoline	20	68	10.7	Methlene Idide	Ambient	Ambient	5.1
Isoquinoline	24	76	10.7	Methoxy-4-Methylphenol	16	60	11.0
Isoquinoline	24	76	10.7	Methoxybenzaldehyde-p	22	71.6	22.3
Isosafrol	21	70	3.4	Methoxybenzene	24	76	4.3
Isosafrole	21	70	3.0	Methoxybenzene	70	158	3.9
Isovaleric Acid	20	68	2.6	Methoxyethanol-2	30	86	16.0
Jet Fuel (Military-JP4)	21	70	1.7	Methoxyethyl Acetate-2	20	68	8.3
Kent Wax	Ambient	Ambient	6.5	Methoxyethyl Stearate	60	140	3.4
Kerosene	21	70	1.8	Methoxyphenol	28	82	11.0
Kerosene	25	77	2.0	Methoxyphenol-o	25	77	12.0

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Methoxytoluene	20	68	3.5	Methyl(4)-3-Heptanol	55	131	4.6
Methoxytoluene-m	20	68	3.5	Methyl(4)-3-Penten-2-One	20	68	15.1
Methoxytoluene-o	20	68	3.5	Methyl(4)-4-Heptanol	60	140	3.3
Methoxytoluene-p	20	68	4.0	Methyl(n)-2-Pyrrolidinone	25	77	32.0
Methyl 5 Ketocyclohexylene	20	68	24.0	Methyl-1-Cyclopentanol	2	35	6.9
Methyl Acetate	20	68	7.3	Methyl-1-Cyclopentanol	35	95	6.9
Methyl Acetate	25	77	6.7	Methyl-2, 4-Pentonddiol	30	86	24.4
Methyl Acetopheononoaxalate	18	64	2.8	Methyl-2-Pentoene	20	68	13.1
Methyl Alcohol	-80	-112	56.6	Methyl-5 Ketocyclohexylene	20	68	24.0
Methyl Alcohol	0	32	37.5	Methylacetamide-n	60	140	138.6
Methyl Alcohol	20	68	33.1	Methylal	20	68	2.7
Methyl Benzoate	20	68	6.6	Methylamine	18	64.4	10.0
Methyl Benzylamine	18	65	4.4	Methylamine	25	77	9.4
Methyl Butane	20	68	1.8	Methylaniline	20	68	6.0
Methyl Butyl Ketone	17	62	12.4	Methylaniline-n	22	71.6	6.0
Methyl Butyrate	20	68	5.6	Methylbutane-2	20	68	1.8
Methyl Cellulose	Ambient	Ambient	3.0	Methylbutyl Acetate-2	30	86	4.6
Methyl Chloride	-4	25	12.9	Methylbutyric Acid-3	20	68	2.6
Methyl Chloroacetate	20	68	12.9	Methylbutyronitrile-3	220	428	18.0
Methyl Cyanoacetate	21	69	29.4	Methylcyclohexane	25	77	2.1
Methyl Cyanoacetate	65	149	17.6	Methylcyclohexanone-2	20	68	14.0
Methyl Cyclohexanone	89	192	18.0	Methylcyclohexanone-3	20	68	12.0
Methyl Cyclohexonal	20	68	13.0	Methylcyclohexanone-4	20	68	12.0
Methyl Cyclopentane	20	68	2.0	Methylene Aceloacetate	21	70	7.8
Methyl Ether	25	77	5.0	Methylene Bromide	Ambient	Ambient	7.0
Methyl Ether Ketone	22	72	7.0	Methylene Chloride	25	77	12.9
Methyl Ether Ketoxime	20	68	3.4	Methylene Iodide	21	70	5.1
Methyl Ethyl Ketone	22	72	18.4	Methylene Malonate	22	72	6.6
Methyl Ethyl Ketoxime	20	68	3.4	Methylformamide-n	25	77	182.4
Methyl Formate	20	68	8.5	Methylhexane-2	20	68	1.9
Methyl Heptanol	20	68	5.3	Methylhexane-3	20	68	1.9
Methyl Hexane	20	68	1.9	Methylisocyanate	21	69	29.4
Methyl Iodide	20	68	7.1	Methylnaphthalene-1	20	68	2.7
Methyl Kexyl Ketone	17	62	10.7	Methyloctane	21	69	30.0
Methyl Methacrylate	20	68	2.9	Methyloctane-2	20	68	2.0
Methyl Methacrylate (cast)	Ambient	Ambient	2.7	Methyloctane-4	20	68	2.0
Methyl Nitrate	Ambient	Ambient	23.5	Methylomine	-6	21	10.5
Methyl Nitrobenzoate	27	80	27.0	Methylpentane-2	20	68	1.9
Methyl O-Methoxybenzoate	21	70	7.8	Methylpentane-3	20	68	1.9
Methyl O-Nitrobenzoate	25	77	28.0	Methylpentanenitrile-4	22	71.6	15.5
Methyl Octane	21	69	30.0	Methylphenyl Hydrazine	19	66	7.3
Methyl Oleate	20	68	3.2	Methylpropanenitrile-2	Ambient	Ambient	20.2
Methyl P-Methoxybenzoate	33	91.4	4.3	Methylpropionamide-N	40	104	151.0
Methyl P-Toluate	33	91	4.3	Methylpropionic Acid-2	40	104	2.7
Methyl Pentanoate	19	66.2	4.3	Methylpropyl Acetate-2	20	68	5.3
Methyl Propionate	19	66.2	5.5	Methylpropyl Formate-2	19	66.2	6.4
Methyl Propyl Ketone	14	58	16.8	Methylpropylamine-2	21	69.8	4.4
Methyl Salicylate	20	68	9.0	Methylpyridine-2	20	68	9.8
Methyl Salicylate	30	86	9.4	Methyltetrahydrofuran-2	10	50	6.6
Methyl Thiocyanate	19	66.2	4.3	Metnoxy-4-Methyl Phenol	Ambient	Ambient	11.0
Methyl Thiocyanate	20	68	35.9	Mineral Oil	27	80	2.1
Methyl Valorate	19	66	4.3	Molasses	Ambient	Ambient	31.3
Methyl(1)-1-Phenylhydrazine	19	66.2	7.3	Mono Chlormethane	Ambient	Ambient	9.8
Methyl(2)-1,2-Butadiene	25	77	2.1	Monomyristin	70	158	6.1
Methyl(2)-1-Butanol	25	77	14.7	Monopalmitin	67	152.6	5.3
Methyl(2)-1-Butene	20	68	2.2	Morpholine	25	77	7.3
Methyl(2)-1-Propanol	25	77	17.9	Mrthoxybenzalsehyde-p	248	479	10.4
Methyl(2)-2-Butanol	25	77	5.8	Mythelene Phenylacetate	20	68	5.0
Methyl(2)-2-Heptanol	25	77	2.5	N-Butal Alchohol	-7	18.9	7.8
Methyl(2)-2-Propanol	30	86	10.9	N-Butal Bromide	-7	20	6.6
Methyl(2)-3-Heptanol	60	140	3.8	N-Butal Formate	70	158.2	2.4
Methyl(2)-4-Heptanol	60	140	3.7	N-Butal Iodide	-4	25	6.1
Methyl(3)-1-Butanol	25	77	14.7	N-Butyl Acetate	-7	18.9	5.1
Methyl(3)-3-Heptanol	60	140	2.9	N-Butyno Acid	-7	20	2.9
Methyl(3)-4-Heptanol	20	68	7.4	Naphthalene	85	185	2.5
Methyl(4)-2-Pentanone	40	104	11.8	Naphthonitrile	21	70	6.4

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Naphthonitrile-1	70	158	16.0	Octene-1	20	68	2.1
Naphthonitrile-2	70	158	17.0	Octoic Acid	20	68	2.5
Napthalene	20	68	2.5	Octyl Alcohol	18	64	3.4
Napthalene	85	185	2.3	Octyl Bromide	Ambient	Ambient	5.0
Napthhenic Acid	Ambient	Ambient	2.6	Octyl Iodide	20	68	4.9
Napthtyl Ethyl Ether	19	67	3.2	Octylene	18	65	4.1
Neoprene	Ambient	Ambient	6.0	Odooctane-1	25	77	4.6
Nitric Acid	14	57	55.0	Oil	Ambient	Ambient	2.0
Nitro Phoska	Ambient	Ambient	5.4	Oil, Almond	20	68	2.8
Nitro Varnish	Ambient	Ambient	5.2	Oil, Cottonseed	14	57	3.1
Nitroaniline-o	90	194	34.5	Oil, Grapeseed	16	61	2.9
Nitroaniline-p	160	320	56.3	Oil, Heavy	Ambient	Ambient	3.0
Nitroanisole	20	68	24.0	Oil, Heavy, C	Ambient	Ambient	2.6
Nitrobenzene	20	68	35.7	Oil, Lemon	21	70	2.3
Nitrobenzene	25	77	34.8	Oil, Linseed	13	55	3.4
Nitrobenzene	80	176	26.3	Oil, Olive	20	68	3.1
Nitrobenzol Doxime	120	248	48.1	Oil, Paraffin	20	68	2.2
Nitrobenzyl Alcohol	20	68	22.0	Oil, Peanut	11	52	3.0
Nitrobenzyl Alcohol-m	20	68	22.0	Oil, Petroleum	20	68	2.1
Nitrocellulose	Ambient	Ambient	6.2	Oil, Pyranol	20	68	5.3
Nitroethane	20	68	19.7	Oil, Sesame	13	55	3.0
Nitroethane	35	95	27.4	Oil, Silicone	Ambient	Ambient	2.2
Nitrogen	20	68	1.0	Oil, Sperm	20	68	3.2
Nitrogen	169	336	1.5	Oil, Terpentine	20	68	2.2
Nitroglycerin	20	68	19.0	Oil, Transformer	20	68	2.2
Nitroglycol	Ambient	Ambient	28.3	Oil, Transmission	27	80	2.2
Nitromethane	Ambient	Ambient	22.7	Oil, Vegetable	Ambient	Ambient	2.5
Nitromethane	20	68	39.4	Olefin	Ambient	Ambient	3.2
Nitromethane	20	68	39.4	Oleic Acid	20	68	2.5
Nitromethane	35	95	35.1	Oleic Acid	20	68	2.5
Nitrophenol-o	50	122	17.3	Oleic Acid	60	140	2.5
Nitropropane-1	35	95	22.7	Oleric Acid	Ambient	Ambient	2.4
Nitropropane-2	30	86	25.5	Opal Wax	Ambient	Ambient	3.1
Nitrosodimethylamine	20	68	54.0	Organic Cold Molding Compound	Ambient	Ambient	6.0
Nitrosodimethylamine-n	20	68	53.0	Oxalo Ethyl Acetate	Ambient	Ambient	6.0
Nitrosyl Bromide	-16	4	13.0	Oxalyl Chloride	21	69.8	3.5
Nitrosyl Chloride	-12	10	18.0	Oxygen	-193	-316	1.5
Nitrosyl Chloride	12	53.6	18.0	Oxygen	20	68	1.0
Nitrotoluene	20	68	25.0	Oxygen	20	68	1.0
Nitrotoluene-m	58	136.4	21.9	P-Crestol	-5	23.9	5.6
Nitrotoluene-o	30	86	27.4	P-Cymeme	-14	7.2	2.3
Nitrotoluene-o	58	136.4	21.6	P-Dibromobenzene	31	88	4.5
Nitrotoluene-p	59	138.2	22.2	P-Dichlorobenzane	-7	20	2.9
Nitrous Oxide	0	32	1.6	Paint	Ambient	Ambient	5.0
Nonane	20	68	2.0	Palm Seed Oil	Ambient	Ambient	1.8
Nonane	110	230	1.9	Palmitic Acid	71	160	2.3
O-Chlorophenol	-7	18.9	8.2	Palmitic Acid	71	159.8	2.3
O-Cresol	-5	23.9	5.8	Paraffin	Ambient	Ambient	2.0
O-Dichlorobenzene	-7	20	7.5	Paraffin Oil	Ambient	Ambient	4.6
O-Dichlororobenzane	-4	25	7.5	Paraldehyde	20	68	14.5
Octadecanol	58	136	3.4	Paraldehyde	25	77	13.9
Octamethylcyclotetrasiloxane	20	68	2.4	Parawax	Ambient	Ambient	2.3
Octamethyltrisiloxane	20	68	2.3	Pelargon	25	77	13.9
Octane	-4	24	1.1	Penanthiene	-7	20	2.8
Octane	-4	24	1.1	Penenthrene	43	110	2.7
Octane	20	68	2.0	Penethrene	-7	20	2.8
Octane	20	68	2.0	Penta Borane	Ambient	Ambient	21.0
Octane	24	76	2.1	Penta Chlortoluene	Ambient	Ambient	4.8
Octane-n	20	68	1.9	Penta Ethyl Chloride	Ambient	Ambient	3.8
Octanenitrile	25	77	13.9	Pentachloroethane	16	60	3.7
Octanol-1	20	68	10.3	Pentadiene-1,3	25	77	2.3
Octanol-2	40	104	6.5	Pentadiene-cis-1,2	25	77	2.3
Octanone	20	68	10.3	Pentanal	Ambient	Ambient	13.9
Octanone-2	100	212	7.4	Pentanaldehyde	17	62.6	10.1
Octene	24	76	2.1	Pentane	20	68	1.8
Octene	24	76	2.1	Pentane-n	20	68	1.8

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Pentanedione-2,4	20	68	25.7	Phosphorus Trichloride	25	77	3.4
Pentanenitrile	21	69.8	17.4	Phosphoryl Chloride	22	71.6	13.0
Pentanethiol-1	50	122	4.2	Phthalic Acid	Ambient	Ambient	5.1
Pentanoic Acid	20	68	2.7	Phthalide	23	74	36.0
Pentanol	25	77	13.9	Phthalide	74	166	36.0
Pentanol-1	25	77	13.9	Pinacolin	17	62	12.8
Pentanol-2	22	71.6	13.8	Pinacone	24	75	7.4
Pentanol-3	20	68	17.0	Pinene	20	68	2.7
Pentanone-2	20	68	15.4	Pinene-d	25	77	2.6
Pentanone-3	20	68	17.0	Pinene-dl-(alpha)	25	77	2.6
Pentene	20	68	2.1	Pinene-l-(beta)	20	68	2.8
Pentene-1	20	68	2.1	Piperidine	20	68	5.9
Pentyl Acetate	20	68	4.8	Piperidine	22	71.6	5.8
Pentyl Formate	20	68	6.5	Plastic Sulphur, Unground	Ambient	Ambient	1.5
Pentyl Nitrate	18	64.4	9.0	Platinum Catalyst	Ambient	Ambient	6.5
Pentylamine	22	71.6	4.5	Polyacetal	Ambient	Ambient	3.6
Perchlorate	Ambient	Ambient	3.6	Polyacetal Resin	Ambient	Ambient	2.6
Perlite	Ambient	Ambient	1.3	Polyacrylic Ester	Ambient	Ambient	3.5
Petroleum	Ambient	Ambient	1.8	Polyamide	Ambient	Ambient	2.5
Phenathiene	20	68	2.8	Polyamide Resin	Ambient	Ambient	2.5
Phenenthrene	110	230	2.7	Polybutylene	Ambient	Ambient	2.2
Phenetidine	21	70	7.3	Polycaprolactam	Ambient	Ambient	2.0
Phenetole	21	70	4.5	Polycarbonate	Ambient	Ambient	2.9
Phenol	10	50	4.3	Polycarbonate Resin	Ambient	Ambient	2.9
Phenol	40	104	15.0	Polyester Resin	Ambient	Ambient	2.8
Phenol	48	118	9.9	Polyester Resin (Flexible)	Ambient	Ambient	4.1
Phenol Ether	29	85	9.8	Polyether Chloride	Ambient	Ambient	2.9
Phenol Formaldehyde Resin	Ambient	Ambient	4.5	Polyether Resin	Ambient	Ambient	2.8
Phenol Resin	Ambient	Ambient	7.4	Polyether Resin, Unsaturated	Ambient	Ambient	2.8
Phenol Resin	Ambient	Ambient	4.9	Polyethylene	Ambient	Ambient	2.2
Phenol Resin, Cumulated	Ambient	Ambient	4.6	Polymide	Ambient	Ambient	2.8
Phenolic Resin	Ambien	Ambient	4.0	Polypropylene	Ambient	Ambient	1.5
Phenoxyacetylene	24	76	4.8	Polypropylene Resin	Ambient	Ambient	2.0
Phentidine	21	70	7.3	Polyrol	Ambient	Ambient	2.8
Phenyl Acetate	20	68	6.9	Polystrene Resin	Ambient	Ambient	2.2
Phenyl Ethanol	20	68	13.0	Polystyrene Terephthalate	Ambient	Ambient	2.9
Phenyl Ether	30	86	3.7	Polystyrol	Ambient	Ambient	2.0
Phenyl Ethyl Acetate	14	58	4.5	Polysulphonic Acid	Ambient	Ambient	2.8
Phenyl Ethylene	25	77	2.4	Polytetra Fluoroethylene	Ambient	Ambient	2.0
Phenyl Isocyanate	20	68	8.8	Polyvinyl Acetals	Ambient	Ambient	2.8
Phenyl Isothiocyanate	20	68	10.7	Polyvinyl Alcohol	Ambient	Ambient	1.9
Phenyl Isolicylate	50	122	6.3	Polyvinyl Chloride	Ambient	Ambient	3.4
Phenyl Urethane	Ambient	Ambient	2.7	Polyvinyl Chloride Resin	Ambient	Ambient	5.8
Phenyl-1-Propane	20	68	2.7	Potassium Chloride	Ambient	Ambient	4.6
Phenyl-1-Propane	20	68	1.7	Pressed Board	Ambient	Ambient	2.0
Phenylacetaldehyde	20	68	4.8	Printing Ink	Ambient	Ambient	4.6
Phenylacetic	20	68	3.0	Propane	0	32	1.6
Phenylacetonitrile	27	80	18.0	Propanediamine-1,2	Ambient	Ambient	10.2
Phenylacetonitrile	234	453	8.5	Propanediamine-1,3	Ambient	Ambient	9.6
Phenylacetylene	20	68	3.0	Propanediol	20	68	32.0
Phenylethanol	20	68	13.0	Propanediol-1,2	20	68	32.0
Phenylethanol-1	90	194	7.6	Propanediol-1,3	20	68	35.0
Phenylhydrazine	23	73.4	7.2	Propanoic Acid	Ambient	Ambient	3.2
Phenylpropene-1	20	68	2.7	Propanol (Propyl Alcohol)	81	177	20.1
Phenylpropene-2	20	68	2.3	Propanol-1	25	77	20.1
Phenylpropene-3	20	68	2.6	Propanol-2	25	77	18.3
Pheolic Resin Paper	Ambient	Ambient	5.0	Propen(2)-1-ol	15	59	21.6
Phosgene	0	32	4.7	Propene	20	68	1.9
Phosgene	22	71.6	4.3	Propionaldehyde	17	62	18.9
Phosphate	Ambient	Ambient	4.0	Propionic Acid	14	58	3.3
Phosphine	-60	-76	2.5	Propionic Acid	19	66	3.1
Phosphorus	34	93	4.1	Propionic Acid	40	104	3.4
Phosphorus Oxychloride	22	71.6	14.0	Propionic Anhydride	16	60	18.0
Phosphorus Pentachloride	160	320	2.8	Propionitrile	20	68	27.7
Phosphorus Tribromide	20	68	3.9	Propionitrile	50	122	24.2
Phosphorus Trichloride	18	64.4	3.7	Proplyamine	20	68	5.3

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Propyl Acetate	20	68	6.3	Sodium Methylate	Ambient	Ambient	1.5
Propyl Alcohol	20	68	21.8	Sodium Oleate	20	68	2.7
Propyl Benzene	20	68	2.4	Sodium Perborate	Ambient	Ambient	2.2
Propyl Benzene	30	86	2.4	Sodium Peroxide	Ambient	Ambient	2.7
Propyl Bromide	20	68	7.2	Sodium Phosphate	Ambient	Ambient	1.6
Propyl Butyrate	20	68	4.3	Sodium Silicate	Ambient	Ambient	16.0
Propyl Chloroformate	20	68	11.2	Sodium Sulfate	Ambient	Ambient	2.7
Propyl Ether	26	78	3.4	Sodium Sulfide	Ambient	Ambient	5.0
Propyl Ether	26	78.8	3.3	Soft Soap	Ambient	Ambient	32.0
Propyl Formate	19	66.2	7.7	Solvent	Ambient	Ambient	18.0
Propyl Nitrate	18	64	14.2	Sorbitol	80	176	33.5
Propyl Pentoate	19	66.2	4.0	Spermaceti	Ambient	Ambient	2.2
Propyl Propionate	20	68	4.7	Splints	Ambient	Ambient	1.1
Propyl Valerate	18	65	4.0	Stannic Chloride	22	72	3.2
Propylamine	Ambient	Ambient	3.0	Starch, paste	Ambient	Ambient	1.7
Propylene	Ambient	Ambient	11.9	Stearic Acid	22	71	2.3
Propylene Carbonate	Ambient	Ambient	64.4	Stearic Acid	70	158	2.3
Propylene Chloride	Ambient	Ambient	9.0	Stearic Acid	71	160	2.3
Propylene Liquid	Ambient	Ambient	11.9	Stearic Acid	100	212	2.3
Propyn(2)-1-ol	20	68	24.5	Stearin	Ambient	Ambient	2.3
Pseudocumene	16	60	2.4	Styrene	25	77	2.4
Pulegone	20	68	9.5	Styrene	75	167	2.3
Pulezone	19	66	9.7	Styrene (modified)	Ambient	Ambient	2.4
Pyridine	20	68	12.5	Styrene (phenylethene)	25	77	2.3
Pyridine	116	241	9.4	Styrene Dichloride	Ambient	Ambient	2.6
Pyroceram	Ambient	Ambient	3.5	Styrene Resin	Ambient	Ambient	2.3
Pyrrole	17	63	7.5	Styrol Resin	Ambient	Ambient	2.4
Quinoline	-180	-292	2.6	Succinamide	22	72	2.9
Quinoline	25	77	9.0	Succinic Acid	26	78	2.4
Resin	Ambient	Ambient	1.5	Sucrose	Ambient	Ambient	3.3
Rutile	Ambient	Ambient	6.6	Sulfur	231	448	3.5
Saccharose Solution	Ambient	Ambient	20.0	Sulfur Dioxide	-20	-4	17.6
Safrole	21	70	3.1	Sulfur Dioxide	0	32	15.6
Salicyladehyde	20	68	13.9	Sulfur Monochloride	15	59	4.8
Salt Water	Ambient	Ambient	32.0	Sulfur Monoxide	Ambient	Ambient	4.8
Santowax	Ambient	Ambient	2.3	Sulfur Trioxide	18	64.4	3.1
Santowax	21	70	2.3	Sulfur Trioxide	21	70	3.6
Selenium	Ambient	Ambient	6.1	Sulfuric Acid	20	68	84.0
Selenium	250	482	5.4	Sulfuric Acid	25	77	100.0
Selevium	250	482	5.4	Sulfuric Acid (17%)	Ambient	Ambient	31.0
Sesame	Ambient	Ambient	1.8	Sulfuric Acid (97%)	Ambient	Ambient	8.6
Shellac	Ambient	Ambient	2.0	Sulfuric Oxychloride	22	72	9.2
Silica Acid	Ambient	Ambient	2.0	Sulfurous Oxychloride	22	72	9.1
Silica Aluminate	Ambient	Ambient	2.0	Sulfuryl Chloride	22	72	10.0
Silicon	Ambient	Ambient	2.4	Sulphur	118	244	3.5
Silicon Resin	Ambient	Ambient	3.5	Sulphur	232	450	3.5
Silicon Tetrachloride	16	60	2.4	Sulphur Dioxide	0	32	15.6
Silicon Varnish	Ambient	Ambient	2.8	Sulphur, liquid	Ambient	Ambient	3.5
Silicone	Ambient	Ambient	2.7	Sylene-	Ambient	Ambient	2.4
Silicone Molding Compound	Ambient	Ambient	3.7	Sylvin	Ambient	Ambient	4.9
Silicone Oil	Ambient	Ambient	2.2	Syrup	Ambient	Ambient	50.0
Silicone Resin	Ambient	Ambient	3.5	Syrup Wax	Ambient	Ambient	2.5
Silicone Rubber	Ambient	Ambient	3.2	Tantalum Oxide	Ambient	Ambient	11.6
Silicone Varnish	Ambient	Ambient	2.8	Tar	Ambient	Ambient	4.0
Silk	Ambient	Ambient	1.3	Tartaric Acid	-10	14	35.9
Smithsonite	Ambient	Ambient	9.3	Tartaric Acid	Ambient	Ambient	8.0
Sobitol	27	80	33.5	Tartaric Acid	20	68	6.0
Soda	Ambient	Ambient	3.0	Teflon (4F)	Ambient	Ambient	2.0
Sodioum Sulfide	Ambient	Ambient	5.0	Teflon, FEP	Ambient	Ambient	2.1
Sodium Carbonate	Ambient	Ambient	5.3	Teflon, PCTFE	Ambient	Ambient	2.3
Sodium Chloride	Ambient	Ambient	5.9	Teflon, PTFE	Ambient	Ambient	2.0
Sodium Chlorite	Ambient	Ambient	6.1	Tepineol	20	68	2.8
Sodium Cyanide	Ambient	Ambient	7.6	Terephthalic Acid	Ambient	Ambient	1.5
Sodium Dichromate	Ambient	Ambient	2.9	Terpinene	21	70	2.7
Sodium Hydroxide	25	77	57.5	Terpineol	20	68	2.8
Sodium Hypochlorite	Ambient	Ambient	6.7	Terpinolene	Ambient	Ambient	2.3

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT	MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Tertathiomethylmethane	70	158	2.8	Trichloroethylene	23	73.4	8.8
Tetrabromethane	20	68	7.1	Trichlorofluoromethane	-9	16	3.4
Tetrabromoethane-1,1,2,3	22	71.6	7.0	Trichloropropane	29	84.2	2.3
Tetrachlorethylene	21	70	2.5	Trichloropropane-1,2,3	24	76	2.4
Tetrachloroethane-1,1,2,2	20	68	8.2	Trichlorotoluene	20	68	7.5
Tetrachloroethylene	21	70	2.5	Tricosanane	21	70	6.9
Tetradecamethylcyclotheptasiloxane	20	68	2.7	Tricresyl Phosphate	80	176	4.0
Tetradecamethylhexosiloxane	20	68	2.5	Triethanolamine	40	104	6.9
Tetradecanol	38	100	4.7	Triethyl Aconitate	25	77	29.4
Tetradecanol-1	48	118.4	4.4	Triethyl Aluminum	20	68	6.4
Tetraethyl Amylenetetraboxylate	19	66	4.4	Triethyl Ethanetricarboneylate	19	66	6.5
Tetraethyl Hexane-1-phenyl tetracarboxylate	20	68	5.9	Triethyl Isoaconitate	20	68	2.9
Tetraethyl Pentane Diphenyl tetrocarboxylate	20	68	2.7	Triethyl Phosphate	20	68	7.2
Tetraethyl Propane Tetracarboxylate	19	66	5.2	Triethyl Phosphite	65	149	10.9
Tetraethyl Propylene Tetracarboxylate	19	66	6.0	Triethylamine	Ambient	Ambient	5.0
Tetraethyl Silicate	19	66	5.2	Triethylamine	21	70	3.2
Tetrafluorethylene	20	68	4.1	Triethylene Glycol	25	77	2.4
Tetrahydro-B-Naphthol	23	73.4	6.2	Trifluoroacetic Acid	20	68	23.7
Tetrahydrofuran	-70	-94	11.6	Trifluoroactic Acid	50	122	5.8
Tetrahydrofuran	20	68	11.0	Trifluorotoluene	20	68	39.0
Tetrahydropyran	30	86	7.3	Trimenthyl Borate	20	68	8.2
Tetrahydrothiophene Oxide	25	77	5.6	Trimethyl Borate	20	68	8.2
Tetramethylurea-1,1,2,2	30	86	42.5	Trimethyl Borate	30	86	9.2
Tetranitromethane	Ambient	Ambient	23.1	Trimethyl-3-Heptene	20	68	2.2
Tetranitromethane	20	68	2.2	Trimethylamine	4	39	2.9
Tetratriocontadiene	25	77	2.5	Trimethylamine	20	68	2.2
Tetrobromoethane	21	70	2.8	Trimethylbenzene	25	77	2.4
Tetronitrimethane	20	68	7.1	Trimethylbenzene-1,2,3	20	68	2.3
Thallium Chloride	20	68	2.2	Trimethylbenzene-1,3,5	30	86	2.6
Thiethamine	-6	21	3.2	Trimethylbenzene1,2,4	20	68	2.3
Thioacetic Acid	Ambient	Ambient	3.7	Trimethylbutane	30	86	2.4
Thionyl Bromide	20	68	13.0	Trimethylbutane-2,2,3	20	68	1.9
Thionyl Chloride	20	68	9.1	Trimethylpentane	Ambient	Ambient	2.0
Thiophene	20	68	9.3	Trimethylpentane	20	68	1.9
Thiophosphoryl Chloride	25	77	2.5	Trimethylpentane-2,2,3	20	68	2.9
Thorium Oxide	21	70	5.8	Trimethylpentane-2,2,4	20	68	2.0
Thujone	0	32	10.0	Trimethylpyridine-2,4,6	20	68	1.9
Tide	0	32	10.0	Trimethylsulfanilic Acid	Ambient	Ambient	6.6
Titanium Dioxide	20	68	2.9	Trinitrobenzene	18	64	89.0
Titanium Oxide	Ambient	Ambient	110.0	Trinitrotoluene	20	68	2.2
Titanium Tetrachloride	Ambient	Ambient	40.0	Triolein	21	69	22.0
Titanium Tetrachloride	20	68	2.8	Triphenyl Phosphite	24	76	3.2
Tobacco	20	68	2.8	Triphenylmethane	65	149	3.6
Toluene	20	68	2.4	Tripolmitin	100	212	2.5
Toluidine	30	86	2.4	Triptan	Ambient	Ambient	1.9
Toluidine-M	20	68	6.0	Tris(4-ethylphenyl) Phosphite	60	140	2.9
Toluidine-M	58	136.4	5.5	Tris(m-tolyl) Phosphite	45	113	3.6
Toluidine-O	18	64	6.0	Tris(p-tolyl) Phosphite	45	113	3.5
Toluidine-O	58	136.4	5.7	Tristearin	45	113	3.7
Toluidine-P	18	64	6.3	Tritolyl Phosphate	70	158	2.8
Tolunitrile	54	129.2	5.0	Ultrasil	Ambient	Ambient	1.4
Tolyl Methyl Ether	23	73	18.8	Undecane	20	68	2.0
Totane	20	68	3.5	Undecane-n	150	302	1.8
Tourmaline	44	111	5.5	Undecanone	20	68	2.0
Tourmaline (para) Optic Axis	Ambient	Ambient	6.3	Urea	Ambient	Ambient	3.5
Transformer Oil	Ambient	Ambient	2.1	Urea	14	58	8.4
Tribromopropane	20	68	4.4	Urea	22	71	3.5
Tribromopropane-1,2,3	20	68	6.4	Urea Resin	Ambient	Ambient	6.4
Tributyl Phosphate	20	68	6.5	Urea, Paper-Filled	Ambient	Ambient	6.2
Trichloroacetaldehyde	30	86	8.0	Urethane	23	74	3.2
Trichloroacetic Acid	20	68	4.9	Urethane	49	121	14.2
Trichloroacetonitrile	60	140	4.6	Urethane Resin	Ambient	Ambient	6.4
Trichloroethane	19	66.2	7.9	Valeraldehyde	Ambient	Ambient	6.5
Trichloroethane-1,1,1	Ambient	Ambient	7.5	Valeric Acid	14	58	11.8
Trichloroethane1,1,2	20	68	7.5	Valeric Acid	20	68	2.6
Trichloroethylene	16	61	3.4	Valeronitrile	20	68	2.7

Dielectric Constant Liquids

MEDIA	T/C°	T/F°	DIELECTRIC CONSTANT
Vanadium Oxybromide	21	70	17.7
Vanadium Oxychloride	26	78	3.6
Vanadium Sulfide	26	78	3.4
Vanadium Tetrachloride	Ambient	Ambient	3.1
Vaseline	26	78	3.0
VEL	Ambient	Ambient	2.2
Vinegar	Ambient	Ambient	24.0
Vinyl Acetate	23	73	4.5
Vinyl Alcohol Resin	Ambient	Ambient	1.8
Vinyl Butyral	Ambient	Ambient	2.6
Vinyl Chloride	Ambient	Ambient	3.3
Vinyl Chloride (Flexible)	Ambient	Ambient	3.0
Vinyl Chloride (Ridgid)	Ambient	Ambient	3.5
Vinyl Chloride Resin, hard	Ambient	Ambient	2.8
Vinyl Chloride Resin, soft	Ambient	Ambient	5.8
Vinyl Ether	Ambient	Ambient	2.8
Vinyl Formal	20	68	3.9
Vinylidene Chloride	Ambient	Ambient	3.0
Vinylidene Fluoride	Ambient	Ambient	3.0
Viscose	Ambient	Ambient	34.5
Vycor Glass	Ambient	Ambient	3.0
Walnut, 17% Water	Ambient	Ambient	3.8
Water	0	32	88.0
Water	20	68	80.4
Water	27	80	80.0
Water	100	212	55.3
Water	100	212	55.3
Water	199	390	34.5
Water (Demineralizer)	Ambient	Ambient	29.3
Water (Heavy)	Ambient	Ambient	78.6
Water (In-Oil-Emulsion)	Ambient	Ambient	24.2
Water, Carbonated	199	390	34.5
Water, Deionized	21	70	50.0
Water, Demineralize	21	70	0.5
Wax	Ambient	Ambient	4.4
Wax	21	70	70.0
Wine	Ambient	Ambient	25.0
Xylene	Ambient	Ambient	10.0
Xylene	Ambient	Ambient	2.2
Xylene	20	68	2.4
Xylene-M	20	68	2.4
Xylene-O	30	86	2.4
Xylene-P	20	68	2.6
Xylenol	20	68	2.3
Xylidine	17	62	3.9
Xylitol	Ambient	Ambient	40.0
Xylitol	20	68	5.0
Zinc Oxide	20	68	40.0
Zinc Sulfide	Ambient	Ambient	1.7