

Dielectric Constant (k) is a number relating the ability of a material to carry alternating current to the ability of vacuum to carry alternating current. The capacitance created by the presence of the material is directly related to the Dielectric Constant of the material.

Knowing the Dielectric Constant (k) of a material is needed to properly design and apply instruments such as level controls using radar, RF admittance, or capacitance technologies. There are also analytical reasons to know the (k) of a material.

How to use this guide

CLIPPER CONTROLS has compiled an extensive list of products with Dielectric Constants. Many of these Dielectric Constants are given at specific temperatures. If your product's temperature is significantly different from those listed there is a good chance that the Dielectric Constant may be different from the values listed.

The products in this reference are listed in alphabetical order and are grouped in sections by the first letter of their name. Proper chemical names were used, and any trade names are the trademark of their respective owners. If you know the correct spelling of the name of the product you wish to review then use the "Search" feature on the web browser to locate the name in the list. You may also click on the letter from the alphabetical table to go directly to the beginning of that alphabetic section.

-A-

ABS Resin, Lump 2.4-4.1

ABS Resin, Pellet 1.5-2.5

Acenaphthene (70° F) 3.0

Acetal (70° F) 3.6

Acetal Bromide 16.5

Acetal Doxime (68° F) 3.4

Acetaldehyde (41° F) 21.8

Acetamide (68° F) 41

Acetamide (180° F) 59.0

Acetanilide (71° F) 2.9

Acetic Acid (68° F) 6.2

Acetic Acid (36° F) 4.1

Acetic Anhydride (66° F) 21.0

Acetone (77° F) 20.7

Alphabetic Table

A	B	C	D
E	F	G	H
I	J	K	L
M	N	O	P
Q	R	S	T
U	V	W	X
Y	Z	#	

Acetone (127° F) 17.7
Acetone (32° F) 1.0159
Acetonitrile (70° F) 37.5
Acetophenone (75° F) 17.3
Acetoxime (24° F) 3
Acetyl Acetone (68° F) 23.1
Acetyl Bromide (68° F) 16.5
Acetyl Chloride (68° F) 15.8
Acetyl Acetone (68° F) 25.0
Acetylene (32° F) 1.0217
Acetylmethyl Hexyl Ketone (66° F) 27.9
Acrylic Resin 2.7 - 4.5
Acetal 21.0-3.6
Air 1
Air (Dry) (68° F) 1.000536
Alcohol, Industrial 16-31
Alkyd Resin 3.5-5
Allyl Alcohol (58° F) 22.0
Allyl Bromide (66° F) 7.0
Allyl Chloride (68° F) 8.2
Allyl Iodide (66° F) 6.1
Allyl Isothiocyanate (64° F) 17.2
Allyl Resin (Cast) 3.6 - 4.5
Alumina 9.3-11.5
Alumina 4.5
Alumina China 3.1-3.9
Aluminum Bromide (212° F) 3.4
Aluminum Fluoride 2.2
Aluminum Hydroxide 2.2
Aluminum Oleate (68° F) 2.4

Aluminum Phosphate 6.0
Aluminum Powder 1.6-1.8
Amber 2.8-2.9
Aminoalkyd Resin 3.9-4.2
Ammonia (-74° F) 25
Ammonia (-30° F) 22.0
Ammonia (40° F) 18.9
Ammonia (69° F) 16.5
Ammonia (Gas?) (32° F) .0072
Ammonium Bromide 7.2
Ammonium Chloride 7.0
Amyl Acetate (68° F) 5.0
Amyl Alcohol (-180° F) 35.5
Amyl Alcohol (68° F) 15.8
Amyl Alcohol (140° F) 11.2
Amyl Benzoate (68° F) 5.1
Amyl Bromide (50° F) 6.3
Amyl Chloride (52° F) 6.6
Amyl Ether (60° F) 3.1
Amyl Formate (66° F) 5.7
Amyl Iodide (62° F) 6.9
Amyl Nitrate (62° F) 9.1
Amyl Thiocyanate (68° F) 17.4
Amylamine (72° F) 4.6
Amylene (70° F) 2.0
Amylene Bromide (58° F) 5.6
Amylenetetrarboxylate (66° F) 4.4
Amylmercaptan (68° F) 4.7
Aniline (32° F) 7.8

Aniline (68° F) 7.3
Aniline (212° F) 5.5
Aniline Formaldehyde Resin 3.5 - 3.6
Aniline Resin 3.4-3.8
Anisaldehyde (68° F) 15.8
Anisaldoxine (145° F) 9.2
Anisole (68° F) 4.3
Antimony Trichloride 5.3
Antimony Pentachloride (68° F) 3.2
Antimony Tribromide (212° F) 20.9
Antimony Trichloride (166° F) 33.0
Antimony Trichloride 5.3
Antimony Tricodide (347° F) 13.9
Apatite 7.4
Argon (-376° F) 1.5
Argon (68° F) 1.000513
Arsenic Tribromide (98° F) 9.0
Arsenic Trichloride (150° F) 7.0
Arsenic Trichloride (70° F) 12.4
Arsenic Triiodide (302° F) 7.0
Arsine (-148° F) 2.5
Asbestos 3.0 - 4.8
Ash (Fly) 1.7 - 2.0
Asphalt (75° F) 2.6
Asphalt, Liquid 2.5-3.2
Azoxyanisole (122° F) 2.3
Azoxybenzene (104° F) 5.1
Azoxyphenitole (302° F) 6.8

[Return to top](#)

-B-

Bakelite 3.5-5.0

Ballast 5.4-5.6

Ballmill Feed (Cement) 4.5

Balm, Refuse 3.1

Barium Chloride 9.4

Barium Chloride (Anhyd) 11.0

Barium Chloride (2h20) 9.4

Barium Nitrate 5.8

Barium Sulfate (60° F) 11.4

Barley Flour 3.0 - 4.0

Barley Powder 3.0-4.0

Beeswax 2.7 - 3.0

Benzal Chloride (68° F) 6.9

Benzaldehyde (68° F) 17.8

Benzaldoxime (68° F) 3.8

Benzene (68° F) 2.3

Benzene (275° F) 2.1

Benzene (700° F) 1.0028

Benzil (202° F) 13.0

Benzonitrile (68° F) 26.0

Benzophenone (122° F) 11.4

Benzophenone (68° F) 13.0

Benzotrichloride (68° F) 7.4

Benzoyl Chloride (70° F) 22.1

Benzoyl Chloride (32° F) 23.0

Benzoylacetone (68° F) 29.0

Benzyl Acetate (70° F) 5.0

Benzyl Alcohol (68° F) 13.0
Benzyl Benzoate (68° F) 4.8
Benzyl Chloride (68° F) 6.4
Benzyl Cyanide (68° F) 18.3
Benzyl Cyanide (155° F) 6.0
Benzyl Salicylate (68° F) 4.1
Benzylamine (68° F) 4.6
Benzylethylamine (68° F) 4.3
Benzylmethylamine (67° F) 4.4
Beryl 6.0
Biphenyl 20
Biwax 2.5
Bleaching Powder 4.5
Bone Black 5.0-6.0
Bornyl Acetate (70° F) 4.6
Boron Bromide (32° F) 2.6
Boronyl Chloride (202° F) 5.2
Bromaceytal Bromide 12.6
Bromal (70° F) 7.6
Bromine (68° F) 3.1
Bromine (32° F) 1.0128
Bromo-2-Ethoxypentane (76° F) 6.5
Bromoacetyl Bromide (68° F) 12.6
Bromoaniline (68° F) 13
Bromoanisole (86° F) 7.1
Bromobenzene (68° F) 5.4
Bromobutylene (68° F) 5.8
Bromobutyric Acid (68° F) 7.2
Bromoctadecane 3.53

Bromodecane (76° F) 4.4
Bromodeodecane (76° F) 4.1
Bromodocosane (130° F) 3.1
Bromodoecane (75° F) 4.07
Bromoform (68° F) 4.4
Bromoheptane (76° F) 5.3
Bromoheptadecane (76° F) 3.7
Bromohexane (76° F) 5.8
Bromoisovaleric Acid (68° F) 6.5
Bromomethane (32° F) 9.8
Bromonaphthalene (66° F) 5.1
Bromooctadecane (86° F) 3.5
Bromopentadecane (68° F) 3.9
Bromopropionic Acid (68° F) 11.0
Bromotoluene (68° F) 5.1
Bromotridecane (50° F) 4.2
Bromoundecane (15° F) 4.7
Bronyl Chloride (94° F) 5.21
Butane (30° F) 1.4
Butanol (1) (68° F) 17.8
Butanone (68° F) 18.5
Butyric Anhydride (20° F) 12.0
Butyl Chloral (64° F) 10.0
Butyl Chloride (68° F) 9.6
Butyl Oleate (77° F) 4.0
Butyl Stearate (80° F) 3.1
Butylacetate (66° F) 5.1
Butylamine (70° F) 5.4
Butyraldehyde (79° F) 13.4
Butyric Acid (68° F) 3.0

Butyric Anhydride (68° F) 12.0

Butyronitrile (70° F) 20.7

[Return to top](#)

-C-

Cable Oil (80° F) 2.2

Cabondioxide (68° F) 1.000921

Calcim Fluoride 7.4

Calcite 8.0

Calcium 3.0

Calcium Carbonate 6.1-9.1

Calcium Fluoride 7.4

Calcium Oxide, Granule 11.8

Calcium Sulfate 5.6

Calcium Sulfate (H₂o) 5.6

Calcium Superphosphate 14-15

Camphanedione (398° F) 16.0

Camphene (68° F) 2.7

Camphene (104° F) 2.3

Campher, Crystal 10-11

Camphoric Imide 4 (80° F) 5.5

Camphorpinacone (68° F) 3.6

Caprilic Acid (18° F) 3.2

Caproic Acid (160° F) 2.6

Caprolactam Monomer 1.7 - 1.9

Caprylic Acid (65° F) 3.2

Carbide 5.8 - 7.0

Carbide, Powder 5.8-7.0

Carbon Black 2.5 - 3.0

Carbon Dioxide (32° F) 1.6

Carbon Dioxide, Liquid 1.6

Carbon Disulfide, Liquid 2.6

Carbon Disulphide (68° F) 2.6

Carbon Disulphide (180° F) 2.2

Carbon Tetrachloride (68° F) 2.2

Carnauba Wax 2.9

Carvenone (68° F) 18.4

Carvol (64° F) 11.2

Carvone (71° F) 11.0

Casein 6.1 - 6.8

Casein Resin 6.7

Cassiterite 23.4

Castor Oil (60° F) 4.7

Castor Oil (80° F) 2.6

Castor Oil (Hydrogenated) (80° F) 10.3

Cedrene (76° F) 3.2

Cellophane 3.2-6.4

Celluloid 3.3-11

Cellulose 3.2-7.5

Cellulose Acetate 3.2-7

Cellulose Acetate (Molding) 3.2 - 7.0

Cellulose Acetate (Sheet) 4.0 - 5.5

Cellulose Acetate Butyrate 3.2 - 6.2

Cellulose Nitrate (Proxylin) 6.4

Cement 1.5 - 2.1

Cement (Plain) 1.5 - 2.1

Cement, Portland 2.5-2.6

Cement, Powder 5-10
Cereals (Dry) 3.0 - 5.0
Cerese Wax 2.4
Cesium Iodine 5.6
Cetyl Iodide (68° F) 3.3
Charcoal 1.2-1.81
Chinaware, Hard 4-7
Chloracetic Acid (140° F) 12.3
Chloracetone 29.8
Chloral (68° F) 4.9
Chlorhexanone Oxime 3
Chlorine (-50° F) 2.1
Chlorine (32° F) 2.0
Chlorine (142° F) 1.5
Chlorine, Liquid 2
Chloroacetic Acid (68° F) 21.0
Chloroacetone (68° F) 29.8
Chlorobenzene (77° F) 5.6
Chlorobenzene (100° F) 4.7
Chlorobenzene (230° F) 4.1
Chlorobenzine, Liquid 5.5-6.3
Chlorocyclohexane (76° F) 7.6
Chloroform (32° F) 5.5
Chloroform (68° F) 4.8
Chloroform (212° F) 3.7
Chloroheptane (71° F) 5.5
Chlorohexanone Oxime (192° F) 3.0
Chlorohydrate (68° F) 3.3
Chloromethane -4 12.6
Chloronaphthalene (76° F) 5.0

Chlorooctane (76° F) 5.1
Chlorophetane 5.4
Chlorotoluene (68° F) 4.7
Chlorotoluene, Liquid 4-4.5
Cholesterin 2.86
Cholestral (80° F) 2.9
Chorine (170° F) 1.7
Chrome, Ore 7.7-8.0
Chrome, Pure 12
Chromite 4.0-4.2
Chromyl Chloride (68° F) 2.6
Cinnamaldehyde (75° F) 16.9
Cis-3-Hexene (76° F) 2.1
Citraconic Anhydride (68° F) 40.3
Citraconic Nitrile 27
Clay 1.8 - 2.8
Clinker (Cement) 2.7
Coal Tar 2.0-3.0
Coal, Powder, Fine 2-4
Cocaine (68° F) 3.1
Coffee Refuse 2.4-2.6
Coke 1.1 - 2.2
Compound 3.6
Copper Catalyst 6.0 - 6.2
Copper Oleate (68° F) 2.8
Copper Oxide 18.1
Corderite 2.5 - 5.4
Corn 5-10
Corn (Dry Granulars) 1.8

Corn, Refuse 2.3-2.6

Corning Glass 6.5

Cotton 1.3-1.4

Cotton Seed Oil 3.1

Co₂ (32° F) 1.6

Creosol (63° F) 10.6

Cresol (75° F) 5.0

Cresol, Liquid 9-11

Crotonic Nitric (68° F) 28.0

Crystalline 3.5-4.7

Cumaldehyde (59° F) 11.0

Cumene (68° F) 2.4

Cuminaldehyde (58° F) 10.7

Cupric Oleate 2.8

Cupric Oxide (60° F) 18.1

Cupric Sulfate 10.3

Cupric Sulfate (Anhyd) 10.3

Cupric Sulfate (5H₂O) 7.8

Cyanoacetic Acid (40° F) 33.0

Cyanoethyl Acetate (68° F) 19.3

Cyanogen (73° F) 2.6

Cyclohexane (20° F) 2.0

Cyclohexanone (68° F) 18.2

Cycloheptasiloxane (68° F) 2.7

Cyclohexane (68° F) 2.0

Cyclohexane, Liquid 18.5

Cyclohexanecarboxylic Acid (88° F) 2.6

Cyclohexanemethanol (140° F) 9.7

Cyclohexanol (77° F) 15.0

Cyclohexanone (68° F) 18.2

Cyclohexanone Oxime (192° F) 3.0

Cyclohexene (68° F) 18.3

Cyclohexylamine-5 5.3

Cyclohexylphenol (130° F)

4.0 Cyclohexyltrifluoromethane-1 (68° F) 11.0

Cyclopentane (68° F) 2.0

Cymene 62 2.3

[Return to top](#)

-D-

D-Cocaine 3.1

D.M.T. (Dacron Powder) 1.33

Decahydronaphtholene (68° F) 2.2

Decamethylcyclopentasiloxane (68° F) 2.5

Decamethyltetrasiloxane (68° F) 2.4

Decanal 8.1

Decane (68° F) 2.0

Decanol (68° F) 8.1

Decylene (62° F) 2.7

Decyne (68° F) 2.2

Deuterium (68° F) 1.3

Deuterium Oxide (77° F) 78.3

Dextrin 2.2-2.4

Diacetoxybutane (76° F) 6.64

Diallyl Sulfide (68° F) 4.9

Diamond 5.5 - 10.0

Diaphenylmethane 2.7

Diaplmitin 3.5

Dibenzofuran (212° F) 3.0
Dibenzyl Sebacate (68° F) 4.6
Dibenzylamine (68° F) 3.6
Dibroheptane (24° F) 5.08
Dibromobenzene (68° F) 8.8
Dibromobutane (68° F) 5.7
Dibromoethylene (Cis-1, 2) (32° F) 7.7
Dibromoheptane (76° F) 5.1
Dibromohexane (76° F) 5.0
Dibromomethane (50° F) 7.8
Dibromopropane (68° F) 4.3
Dibromopropyl Alcohol (70° F) 9.1
Dibutyl Phthalate (86° F) 6.4
Dibutyl Sebacate (86° F) 4.5
Dibutyl Tartrate 109 9.4
Dichloroacetic Acid (20° F) 10.7
Dichloroacetic Acid (72° F) 8.2
Dichloroacetone (68° F) 14.0
Dichlorobenzene (127° F) 2.8
Dichloroethane (68° F) 16.7
Dichloroethane (1,2)(77° F) 10.3
Dichloroethylene (62° F) 4.6
Dichloromethane (68° F) 9.1
Dichlorostyrene (76° F) 2.6
Dichlorotoluene (68° F) 6.9
Dictyl Phthalate 5.1
Dicyclohexyl Adipate (95° F) 4.8
Diebenzylamine (68° F) 3.6
Diethyl Benzalmalonate (32° F) 8.0

Diethyl Disulfide (66° F) 15.9
Diethyl DI-Malate (64° F) 10.2
Diethyl Glutarate (86° F) 6.7
Diethyl I-Malate 9.5
Diethyl Ketone (58° F) 17.3
Diethyl L-Malate (68° F) 9.5
Diethyl Malonate (70° F) 7.9
Diethyl Oxalate (70° F) 8.2
Diethyl Oxaloacetate (66° F) 6.1
Diethyl Racemate (68° F) 4.5
Diethyl Sebacate (86° F) 5.0
Diethyl Succinate (86° F) 6.6
Diethyl Succinosuccinate (66° F) 2.5
Diethyl Sulfide (68° F) 7.2
Diethyl Sulfite (68° F) 15.9
Diethyl Tartrate (68° F) 4.5
Diethyl Zinc (68° F) 2.6
Diethyl 1-Malate (68° F) 9.5
Diethyl-Dimalate 10.2
Diethylamine (68° F) 3.7
Diethylaniline (66° F) 5.5
Dihydrocaroone (66° F) 8.7
Dihydrocarvone (66° F) 8.5
Diimylamine (64° F) 2.5
Dioamylene (62° F) 2.4
Diiodoethylene 1 (80° F) 4.0
Diiodomethane (77° F) 5.3
Diisoamyl (62° F) 2.0
Diisoamylene 2.4
Diisobutylamine (71° F) 2.7

Dimethoxybenzene (73° F) 4.5
Dimethyl Ethyl (68° F) 11.7
Dimethyl Ethyl Carbinol (68° F) 11.7
Dimethyl Malonate (68° F) 10.4
Dimethyl Oxalate (68° F) 3.0
Dimethyl Pentane (20° F) 1.912
Dimethyl Phthalate (75° F) 8.5
Dimethyl Sulfate (68° F) 55.0
Dimethyl Sulfide (68° F) 6.3
Dimethyl-1-Hydroxybenzene (62° F) 4.8
Dimethyl-2-Hexane (68° F) 2.4
Dimethylamine (32° F) 6.3
Dimethylaniline (68° F) 4.4
Dimethylbromoethylene (68° F) 6.7
Dimethylheptane (68° F) 1.9
Dimethylpentane (68° F) 1.9
Dimethylquinoxaline (76° F) 2.3
Dimethyltuidine (68° F) 3.3
Dinitrogen Oxide (32° F) 1.6
Dinitrogen Tetroxide (58° F) 2.5
Dioctyl Phthalate (76° F) 5.1
Dioxane 1,4 (77° F) 2.2
Dipalmitin (161° F) 3.5
Dipentene (68° F) 2.3
Dipenylamine (125° F) 3.3
Diphemylethane (230° F) 2.4
Diphemylethane (62° F) 12.6
Diphenyl 1(66° F) 2.5
Diphenyl Ether (82° F) 3.9

Diphenylamine (124° F) 3.3

Diphenylethane (110° F) 2.38

Diphenylmethane (62° F) 2.6

Dipropyl Ketone (62° F) 12.6

Dipropylamine (70° F) 2.9

Distearin (172° F) 3.3

Docosane (122° F) 2.0

Dodecamethylcyclohexisiloxane (68° F) 2.6

Dodecamethylpentasiloxane (68° F) 2.5

Dodecane (68° F) 2.0

Dodecanol (76° F) 6.5

Dodecyne (76° F) 2.2

Dolomite 6.8-8.0

Dowtherm (70° F) 3.4

[Return to top](#)



Ebonite 2.5-2.9

Emery Sand 16.5

Epichlorhydrin (68° F) 22.9

Epoxy Resin (Cast) 3.6

Ethanediamine (68° F) 14.2

Ethanethiol (58° F) 6.9

Ethanethiolic Acid (68° F) 13.0

Ethanol (77° F) 24.3

Ethelene Diamine (18° F) 16.0

Ethelene Oxide -1 13.9

Ethoxy-3-Methylbutane (68° F) 4.0

Ethoxybenzene (68° F) 4.2
Ethoxyethyl Acetate (86° F) 7.6
Ethoxynaphthalone (66° F) 3.3
Ethoxypentane (73° F) 3.6
Ethoxytoluene (68° F) 3.9
Ethyl Acetate (77° F) 6.0
Ethyl Acetoacetate (71° F) 15.9
Ethyl Acetoneoxalate (66° F) 16.1
Ethyl Acetophenoneoxalate (66° F) 3.3
Ethyl Alcohol (77° F) 24.3
Ethyl Alcohol (See Ethanol)
Ethyl Amyl Ether (68° F) 4.0
Ethyl Benzene (68° F) 2.5
Ethyl Benzoate (68° F) 6.0
Ethyl Benzoylacetate (68° F) 12.8
Ethyl Benzoylacetate (70° F) 8.6
Ethyl Benzyl Ether (68° F) 3.8
Ethyl Bromide (64° F) 4.9
Ethyl Bromoisobutyrate (68° F) 7.9
Ethyl Bromopropionate (68° F) 9.4
Ethyl Butyrate (66° F) 5.1
Ethyl Carbonate (68° F) 3.1
Ethyl Carbonate (121° F) 14.2
Ethyl Cellulose 2.8 - 3.9
Ethyl Chloracetate (68° F) 11.6
Ethyl Chloroformate (68° F) 11.3
Ethyl Chloropropionate (68° F) 10.1
Ethyl Cinnamate (66° F) 5.3
Ethyl Cyanoacetate (68° F) 27.0
Ethyl Cyclobutane (68° F) 2.0

Ethyl Dodecanoate (68° F) 3.4
Ethyl Ether (-148° F) 8.1
Ethyl Ether (-40° F) 5.7
Ethyl Ether (68° F) 4.3
Ethyl Ethoxybenzoate (70° F) 7.1
Ethyl Formate (77° F) 7.1
Ethyl Formylphenylacetate (68° F) 3.0
Ethyl Fumarate (73° F) 6.5
Ethyl Hydroxy-Tetracarboxylate 5.9
Ethyl Hydroxy-Tetrocarboxylate 2.7
Ethyl Hydroxymethylenephenylacet 5.00
Ethyl Hydroxymethylenomalonate 6.6
Ethyl Iodide (68° F) 7.4
Ethyl Isothiocyanate (68° F) 19.7
Ethyl Levulinate (70° F) 12.1
Ethyl Maleate (73° F) 8.5
Ethyl Mercaptan (68° F) 8.0
Ethyl Nitrate (68° F) 19.7
Ethyl Oleate (80° F) 3.2
Ethyl Palmitate (68° F) 3.2
Ethyl Phenylacetate (70° F) 5.4
Ethyl Propionate (68° F) 5.7
Ethyl Salicylate (70° F) 8.6
Ethyl Silicate (68° F) 4.1
Ethyl Stearate (104° F) 3.0
Ethyl Thiocyanate (68° F) 29.6
Ethyl Trichloracetate (68° F) 7.8
Ethyl Undecanoate (68° F) 3.6
Ethyl Valerate (68° F) 4.7

Ethyl 1-Brobutyrate (68° F) 8.0
Ethyl 2-Iodopropionate (68° F) 8.8
Ethylamine (70° F) 6.3
Ethylaniline (68° F) 5.9
Ethylbenzene (76° F) 3.0
Ethylene Chloride (68° F) 10.5
Ethylene Chlorohydrin (77° F) 26.0
Ethylene Cyanide (136° F) 58.3
Ethylene Diamine (64° F) 16.0
Ethylene Glycol (68° F) 37.0
Ethylene Iodide 3.4
Ethylene Oxide 25 14.0
Ethylene Tetraflouride 1.9-2.0
Ethylenechlorohydrin (75° F) 25.0
Ethylenediamine (64° F) 16.0
Ethylic Resin 2.2-2.3
Ethylpentane (68° F) 1.9
Ethyltoluene (76° F) 2.2
Etibine (-58° F) 2.5
Eugenol (64° F) 6.1

[Return to top](#)

-F-

Fab (From Box, 8% Moisture) 1.3
Fenchone (68° F) 12.0
Fermanium Tetrachloride (76° F) 2.4
Ferric Oleate (68° F) 2.6
Ferrochromium 1.5-1.8

Ferromanganese 5.0-5.2

Ferrous Oxide (60° F) 14.2

Ferrous Sulfate (58° F) 14.2

Flour 2.5-3.0

Flourine (-332° F) 1.5

Flourspar 6.8

Fluorotoluene (86° F) 4.2

Fly Ash 1.9 - 2.6

Formalin 23

Formamide (68° F) 84.0

Formic Acid (60° F) 58.0

Forsterite 6.2

Freon 11 (70° F) 3.1

Freon 113 (70° F) 2.6

Freon 12 (70° F) 2.4

Fuller's Earth 1.8 - 2.2

Furan (77° F) 3.0

Furfural (68° F) 42.0

Furfuraldehyde (68° F) 41.9

[Return to top](#)



Gasoline (70° F) 2.0

Gerber Oatmeal (In Box) 1.5

Germanium Tetrachloride (77° F) 2.4

Glass 3.7-10

Glass (Silica) 3.8

Glass, Bead 3.1

Glass, Granule 6-7

Glass, Raw Material 2.0-2.5

Glucoseheptitol (248° F) 27.0

Glycerin, Liquid 47-68

Glycerol (77° F) 42.5

Glycerol (32° F) 47.2

Glycerol Phthalate (Cast Alkyd) 3.7 - 4.0

Glyceryl Triacetate (70° F) 6.0

Glycol (77° F) 37.0

Glycol (122° F) 35.6

Glycolic Nitrile (68° F) 27.0

Grain 3-8

Graphite 12-15

Guaiacol 0 11.0

Gypsum 2.5-6.0

[Return to top](#)



Hagemannie Ester (68° F) 10.6

Halowax 4.5

Heavy Oil 3

Heavy Oil, C 2.6

Helium-3(58° F) 1.055

Helium, Liquid 1.05

Heptadecanone (140° F) 5.3

Heptane (68° F) 1.9

Heptane, Liquid 1.9-2.0

Heptanoic Acid 2.5

Heptanoic Acid (71° F) 2.59

Heptanone (68° F) 11.9

Heptaonic Acid (160° F) 2.6

Heptyl Alcohol (70° F) 6.7

Hexamethyldisiloxane (68° F) 2.2

Hexane (-130° F) 2.0

Hexanol (77° F) 13.3

Hexanone (59° F) 14.6

Hexdecamethylcycloheptasiloxane (68° F) 2.7

Hexyl Iodide (68° F) 6.6

Hexylene (62° F) 2.0

Hexyliodide (68° F) 6.6

Hydrazine (68° F) 52.0

Hydrochloric Acid (68° F) 4.60

Hydrocyanic Acid (70° F) 2.3

Hydrocyanic Acid (32° F) 158.0

Hydrogen (440° F) 1.23

Hydrogen (212° F) 1.000284

Hydrogen Iodide (72° F) 2.9

Hydrogen Bromide (24° F) 3.8

Hydrogen Bromide (-120° F) 7.0

Hydrogen Chloride (82° F) 4.6

Hydrogen Chloride (-188° F) 12.0

Hydrogen Cyanide (70° F) 95.4

Hydrogen Fluoride (32° F) 84.2

Hydrogen Fluoride (-100° F) 17

Hydrogen Iodide (72° F) 2.9

Hydrogen Peroxide (32° F) 84.2

Hydrogen Peroxide 100% 70.7

Hydrogen Peroxide 35% 121.0

Hydrogen Sulfide (-84° F) 9.3

Hydrogen Sulfide (48° F) 5.8

Hydrofluoric Acid (32° F) 83.6

Hydroxy-4-Methy-2-Pentanone (76° F) 18.2

Hydroxymethylene Camphor (86° F) 5.2

Hydroxymethylenehydroxymethyleneacetoacetate 7.8

Hydroxymethylenebenzyl Cyanide (68° F) 6.0

Hydrozine (68° F) 52.9

[Return to top](#)



Ido-Iodoheptadecane (68° F) 3.5

Idoheptane (71° F) 4.9

Idohexane (68° F) 5.4

Idomethane (68° F) 7.0

Idooctane (76° F) 4.6

Idotoluene (68° F) 6.1

Ilmenite 6.0 - 7.0

Inadol (140° F) 7.8

Indonol (60° F) 7.8

Iodine (107° F) 118.0

Iodine 11

Iodine (250° F) 118.0

Iodine (Granular) 4.0

Iodioctane 4.6

Iodioctane (24° F) 4.62

Iodobenzene (68° F) 4.6

Iodoheptane (22° F) 4.92

Iodohexane (20° F) 5.37
Iodomethane (20° F) 7.0
Iodotoluene (20° F) 6.1
Iron Oxide 14.2
Iso Butyl Alcohol 18.7-31.7
Iso Butyl Iodide 5.8
Iso Butyl Nitrate 11.9
Iso Butylamine 4.5
Iso Butyric Acid 2.7
Iso Butyronitrile 20.8
Iso Valeric Acid (68° F) 2.6
Iso-Butyl Alcohol (-112° F) 31.7
Iso-Butyl Alcohol (32° F) 20 .5
Iso-Butyl Alcohol (68° F) 18.7
Iso-Butyl Iodide (68° F) 5.8
Iso-Butyl Nitrate (66° F) 11.9
Iso-Butylacetate (68° F) 5.6
Iso-Butylamine (70° F) 4.5
Iso-Butyric Acid (68° F) 2.7
Iso-Butyronitrile 23.9- 20.8
Iso-Butyronitrile (75° F) 20.8
Iso-Iodohexadecane 3.5
Iso-Propyl Alcohol (68° F) 18.3
Iso-Propyl Nitrate (66° F) 11.5
Iso-Valeric Acid (68° F) 2.7
Isoamyl Valerate (19° F) 3.6
Isoamyl Acetate (68° F) 5.6
Isoamyl Alcohol (74° F) 15.3
Isoamyl Bromide (76° F) 6.1

Isoamyl Butyrate (68° F) 3.9
Isoamyl Chloracetate (68 F) 7.8
Isoamyl Chloride (64° F) 6.4
Isoamyl Chloroacetate 7.8
Isoamyl Chloroformate (68° F) 7.8
Isoamyl Iodide (65° F) 5.6
Isoamyl Propionate (68° F) 4.2
Isoamyl Salicylate (68° F) 5.4
Isoamyl Valerate (66° F) 3.6
Isoamylpropionate 4.2
Isobuthyl Resin 1.4-2.1
Isobutyl Acetate (68° F) 5.6
Isobutyl Alcohol (68° F) 18.7
Isobutyl Benzoate (68° F) 5.9
Isobutyl Bromide (20° F) 4.0
Isobutyl Bromide (68° F) 6.6
Isobutyl Butyrate (68° F) 4.0
Isobutyl Chloride (68° F) 7.1
Isobutyl Chloroformate (68° F) 9.2
Isobutyl Cyanide (74° F) 13.3
Isobutyl Formate (66° F) 6.5
Isobutyl Iodide (68° F) 5.8
Isobutyl Nitrate (66° F) 11.9
Isobutyl Rininoleate (70° F) 4.7
Isobutyl Valerate (66° F) 3.8
Isobutylamine (70° F) 4.5
Isobutylbenzene (62° F) 2.3
Isobutylbenzoate (68° F) 5.9
Isobutylene Bromide (68° F) 4.0
Isobutyric Acid (68° F) 2.6

Isobutyric Acid (122° F) 2.7

Isobutyric Anhydride (68° F) 13.9

Isobutyronitrile (77° F) 20.8

Isocapronitrile (68° F) 15.7

Isooctane 2.1-2.3

Isophthalic Acid 1.4

Isoprene (77° F) 2.1

Isopropyl Alcohol 18.3

Isopropyl Benzene (68° F) 2.4

Isopropyl Nitrate 11.5

Isopropylamine (68° F) 5.5

Isopropylether (77° F) 3.9

Isoquinoline (76° F) 10.7

Isosafrol (70° F) 3.4

[Return to top](#)

-J-

Jet Fuel (Jp4) (70° F) 1.7

Jet Fuel (Military Jp4) 1.7

[Return to top](#)

-K-

Kent Wax 6.5-7.5

Kerosene (70° F) 1.8

Kynar 2.0

[Return to top](#)



Lactic Acid (61° F) 22.0
Lactronitrile (68° F) 38.4
Lad Oxide 25.9
Lead Acetate 2.5
Lead Carbonate (60° F) 18.1
Lead Chloride 4.2
Lead Nitrate 37.7
Lead Nomoxide (60° F) 25.9
Lead Oleate (64° F) 3.2
Lead Oxide 25.9
Lead Sulfate 14.3
Lead Sulfite 17.9
Lead Tetrachloride (68° F) 2.8
Lime 2.2 - 2.5
Limonene (68° F) 2.3
Linde 5a Molecular Sieve, Dry 1.8
Linoleic Acid (32° F) 2.6 - 2.9
Linseed Oil 3.2-3.5
Liquified Air 1.5
Liquified Hydrogen 1.2
Lityium Chloride 11.1
Lonone (65° F) 10.0
LPG 1.6-1.9

[Return to top](#)



M-Bromoaniline (66° F) 13.0
M-Bromotoluene (137° F) 5.4
M-Chloroaniline (66° F) 13.4
M-Chlorotoluene (68° F) 5.6
M-Creosol 5
P-Cresol (24° F) 5.0
O-Cresol (77° F) 11.5
M-Dichlorobenzene (77° F) 5.0
M-Dinitro Benzene (68° F) 2.8
M-Nitrotoluene (68° F) 23.8
M-Sylene 2.4
M-Toluidine (64° F) 6.0
M-Xylene (68° F) 2.4
Maganese Dioxide 5-5.2
Magnesium Oxide 9.7
Magnesium Sulfate 8.2
Malachite 7.2
Maleic Anhydride (140° F) 51.0
Malolic Anhydride 51
Malonic Nitrile (97° F) 47.0
Mandelic Nitrile (73° F) 18.1
Mandelitrile (73° F) 17.0
Mannitol (71° F) 3.0
Margarine, Liquid 2.8-3.2
Melamine Formaldehyde (MF)
(MF) Molding Resin 5.5 - 6.0
(MF) With Alpha Cellulose Filler 7.2 - 8.2
(MF) With Asbestos Filler 6.1 - 6.7
(MF) With Cellulose Filler 4.7 - 7.0

(MF) With Flock Filler 5.0 - 6.0

(MF) With Macerated Fabric Fille 6.5 - 6.9

Melamine Resin 4.7-10.9

Menthol (42° F) 3.95

Menthol (107° F) 4.0

Menthonol (43° F) 2.1

Menthonol (110° F) 2.1

Mercuric Chloride 3.2

Mercurous Chloride 9.4

Mercury (298° F) 1.00074

Mercury Chloride 7-14

Mercury Diethyl (68° F) 2.3

Mesityl Oxide (68° F) 15.4

Mesitylene (68° F) 2.4

Mesitylene 3.4

Methal Cyanoacetate (69° F) 29.4

Methallmine (77° F) 9.4

Methane (-280° F) 1.7

Methane, Liquid 1.7

Methanol (77° F) 32.6

Methlene Idide 5.1

Methoxy-4-Methylphenol (60° F) 11.0

Methoxybenzene (76° F) 4.3

Methoxyethyl Stearate (140° F) 3.4

Methoxyphenol (82° F) 11.0

Methoxytoluene (68° F) 3.5

Methyl Acetate (77° F) 6.7

Methyl Acetophenoneoxalate (64° F) 2.8

Methyl Alcohol (-112° F) 56.6

Methyl Alcohol (32° F) 37.5

Methyl Alcohol (68° F) 33.1

Methyl Benzoate (68° F) 6.6

Methyl Butane (68° F) 1.8

Methyl Butyl Ketone (62° F) 12.4

Methyl Butyrate (68° F) 5.6

Methyl Chloride (77° F) 12.9

Methyl Chloroacetate (68° F) 12.9

Methyl Ether (78° F) 5.0

Methyl Ethyl Ketone (72 ° F) 18.4

Methyl Ethyl Ketoxime (68° F) 3.4

Methyl Formate (68° F) 8.5

Methyl Heptanol (68° F) 5.3

Methyl Iodide (68° F) 7.1

Methyl Kexyl Ketone (62° F) 10.7

Methyl Methacrylate (Cast) 2.7 - 3.2

Methyl Nitrobenzoate (80° F) 27.0

Methyl O-Methoxybenzoate (70° F) 7.8

Methyl P-Toluate (91° F) 4.3

Methyl Propionate (66° F) 5.4

Methyl Propyl Ketone (58° F) 16.8

Methyl Salicylate (68° F) 9.0

Methyl Thiocyanate (68° F) 35.9

Methyl Valerate (66° F) 4.3

Methyl 5 Ketocyclohexylene (68° F) 24.0

Methyl-1-Cyclopentanol (35° F) 6.9

Methyl-2 4-Pentandeiol (86° F) 24.4

Methyl-2-Pentanone (68° F) 13.1

Methylal (68° F) 2.7

Methylaniline (68° F) 6.0

Methylbenzylamine (65° F) 4.4
Methylcyclohexanol (68° C) 13.0
Methylcyclohexanone (192° F) 18.0
Methylcyclopentane (68° F) 2.0
Methylene Iodide (70° F) 5.1
Methyleneaceloacetate (70° F) 7.8
Methylenemalonate (72° F) 6.6
Methylenephenylacetate (68° F) 5.0
Methylether, Liquid 5
Methylhexane (68° F) 1.9
Methylisocyanate (69° F) 29.4
Methyloctane (69° F) 30.0
Methylomine (21° F) 10.5
Methylphenyl Hydrazin (66° F) 7.3
Methylpyridine (2) (68° F) 9.8
Metnoxy-Four-Methyl Phenol 11
Mica 2.6-3.2
Mica 7.0
Mica (Glass Bonded) 6.9 - 9.2
Micanite 1.8-2.6
Mills (Dry Powder) 1.8
Mineral Oil (80° F) 2.1
Monomyristin (158° F) 6.1
Monopalmitin (152° F) 5.3
Monostearin (170° F) 4.9
Morpholine (77° F) 7.3

[Return to top](#)

-N-

N-Butyl Alcohol (66° F) 7.8
N-Butyl Bromide (68° F) 6.6
N-Butyl Formate (-317°F) 2.4
N-Butyl Iodide (77° F) 6.1
N-Butylacetate (19° F) 5.1
N-Butyricacid (68° F) 2.9
N-Hexane (68° F) 1.9
N-Methylaniline (68° F) 6.0
N-Pentane (68° F) 1.8
Naphthyl Ethyl Ether (67° F) 3.2
Naphthalene (185° F) 2.3
Naphthalene (68° F) 2.5
Naphthonitrile (70° F) 6.4
Naphthyl Ethyl Ether (67° F) 3.2
Neon (68° F) 1.000127
Neoprene 6-9
Nitric Acid (14° C) 50.0 +/- 10.0
Nitroanisole (68° F) 24.0
Nitrobenzal Doxime (248° F) 48.1
Nitrobenzene (68° F) 35.7
Nitrobenzene (77° F) 34.8
Nitrobenzene (176° F) 26.3
Nitrobenzyl Alcohol (68° F) 22.0
Nitrocellulose 6.2-7.5
Nitroethane (68° F) 19.7
Nitrogen (336° F) 1.454
Nitrogen (68° F) 1.000580

Nitroglycerin (68° F) 19.0

Nitromethane 22.7-39.4

Nitromethane (68° F) 39.4

Nitrosodimethylamine (68° F) 54.0

Nitrosyl Bromide (4° F) 13.0

Nitrosyl Chloride (10° F) 18.0

Nitrotoluene (68° F) 1.96

Nitrous Oxide (32° F) 1.6

Nonane (68° F) 2.0

Nylon 4.0 - 5.0

Nylon Resin 3.0 - 5.0

[Return to top](#)



O-Bromotoluene (137° F) 4.3

O-Chlorophenol (66° F) 8.2

O-Chlorotoluene (68° F) 4.5

O-Cresol (77° F) 11.5

O-Dichlorobenzene (77° F) 7.5

O-Nitro Aniline (194° F) 34.5

O-Nitrotoluene (68° F) 27.4

O-Toluidine (64° F) 6.3

O-Xylene (68° F) 2.6

Octadecanol 3.42

Octadecanol (136° F) 3.4

Octamethylcyclotetrasiloxane (68° F) 2.4

Octamethyltrisiloxane (68° F) 2.3

Octane (24° F) 1.061

Octane (68° F) 2.0
Octanone (68° F) 10.3
Octene (76° F) 2.1
Octyl Alcohol (64° F) 3.4
Octyl Iodide (68° F) 4.9
Octylene (65° F) 4.1
Oil, Peanut (52° F) 3.0
Oil, Almond (68° F) 2.8
Oil, Cotton Seed (57° F) 3.1
Oil, Grapeseed (61° F) 2.9
Oil, Lemon (70° F) 2.3
Oil, Linseed 3.4
Oil, Olive (68° F) 3.1
Oil, Paraffin (68° F) 2.2 - 4.7
Oil, Petroleum (68° F) 2.1
Oil, Pyranol (68° F) 5.3
Oil, Sesame (55° F) 3.0
Oil, Sperm (68° F) 3.2
Oil, Turpentine (68° F) 2.2
Oil, Transformer (68° F) 2.2
Oleic Acid (68° F) 2.5
Oleric Acid 2.4-2.5
One-Dichloroethane 10.7
One-Diethoxyethane 3.8
Opal Wax 3.1
Organic Cold Molding Compound 6.0
Oxygen (-315° F) 1.51
Oxygen (68° F) 1.000494

[Return to top](#)

-P-

P-Bromotoluene (137° F) 5.5
P-Chlorophenol (130° F) 9.5
P-Chlorotoluene (68° F) 6.1
P-Cresol (70° F) 5.6
P-Cresol (137° F) 9.9
P-Cymene (63° F) 2.3
P-Dibromobenzene (190° F) 4.5
P-Dichlorobenzene (68° F) 2.86
P-Dichlorobenzene (120° F) 2.4
P-Nitro Analine (320° F) 56.3
P-Nitrotoluene (137° F) 22.2
P-Toludine 3.0
P-Toluidine (130° F) 5.0
P-Xylene (68° F) 2.3
Paint 5-8
Palmitic Acid (160° F) 2.3
Paper (Dry) 2.0
Paraffin 1.9-2.5
Paraffin Wax 2.1-2.5
Paraldehyde (68° F) 14.5
Paraldehyde (77° F) 13.9
Parawax 2.3
Parrafin Chloride 2.0-2.3
Penantiene (68° F) 2.8
Pentachloroethane (60° F) 3.7
Pentadiene 1,3 (77° F) 2.3
Pentane (68° F) 1.8

Pentanol (77° F) 13.9

Pentanone (2) (68° F) 15.4

Pentene (1) (68° F) 2.1

Pentochlorethane 3.7

Perlite 1.3 - 1.4

Petroleum 2.0-2.2

Phenanthrene (230° F) 2.7

Phenathiene (68° F) 2.8

Phenathrene (110° F) 2.72

Phenetole (70° F) 4.5

Phenol (118° F) 9.9

Phenol (104° F) 15.0

Phenol (50° F) 4.3

Phenol Ether (85° F) 9.8

Phenol Formaldehyde Resin (PFR) 4.5 - 5.0

(PFR) With Asbestos Filler 5.0 - 7.0

(PFR) With Glass Fiber Filler 6.6 - 7.0

(PFR) With Mica Filler 4.2 - 5.2

(PFR) With Mineral Filler (Cast) 9.0 - 15.0

(PFR) With Sisal Fiber 3.0 - 5.0

(PFR) With Wood Flour Filler 4.0 - 7.0

Phenol Resin 4.9

Phenol Resin, Cumulated 4.6-5.5

Phenoxyacetylene (76° F) 4.8

Phentidine (70° F) 7.3

Phenyl Acetate (68° F) 6.9

Phenyl Ether (86° F) 3.7

Phenyl Iso Thiocyanate (68° F) 10.7

Phenyl Isocyanate (68° F) 8.9

Phenyl Urethane 2.7
Phenyl-L-Lropane (68° F) 2.7
Phenyl-One-Iropane 2.7
Phenyl-1-Propane (68° F) 1.7
Phenylacetaldehyde (68° F) 4.8
Phenylacetic (68° F) 3.0
Phenylacetonitrile (80° F) 18.0
Phenylethanol (68° F) 13.0
Phenylethyl Acetate (58° F) 4.5
Phenylethylene (77° F) 2.4
Phenylhydrazine (72° F) 7.2
Phenylsalicylate (122° F) 6.3
Phosgene (32° F) 4.7
Phosphine (-76° F) 2.5
Phosphorus (93° F) 4.1
Phosphorus Oxychloride (72° F) 14.0
Phosphorus Pentachloride (320° F) 2.8
Phosphorus Tribromide 3.9
Phosphorus Tribromide (68° F) 3.9
Phosphorus Trichloride (77° F) 3.4
Phosphorus, Red 4.1
Phosphorus, Yellow 3.6
Phosphoryl Chloride (70° F) 13.0
Phosphrous 4.1
Phtalide (166° F) 36.0
Phthalic Acid 5.1-6.3
Phthalide (74° F) 36.0
Pinacolin (62° F) 12.8
Pinacone (75° F) 7.4
Pine Tree Resin, Powder 1.5-1.8

Pinene (68° F) 2.7

Piperidine (68° F) 5.9

Plaster 2.5 - 6.0

Plastic Grain 65-75

Plastic Pellets 1.1-3.2

Plastic Sulphur, Unground 1.5

Platinum Catalyst 6.5 - 7.5

Poly Propylene 1.5

Polyacetal 3.6-3.7

Polyacetol Resin 2.6-3.7

Polyacrylic Ester 3.5

Polyamide 2.5-2.6

Polybutylene 2.2-2.3

Polycaprolactam 2.0 - 2.5

Polycarbonate 2.9-3.0

Polycarbonate Resin 2.9 - 3.0

Polyester Resin 2.8 - 4.5

Polyester Resin (Flexible) 4.1 - 5.2

Polyester Resin (Glass Fiber Filled) 4.0 - 4.5

Polyester Resin (Ridgid Cast) 2.8 - 4.1

Polyether Chloride 2.9

Polyether Resin 2.8-8.1

Polyether Resin, Unsaturated 2.8-5.2

Polyethylene 2.2-2.4

Polyethylene, Pellet 1.5

Polymide 2.8

Polymonochloro Pifluoroethylene 2.5

Polypropylene 1.5

Polypropylene Powder 1.25

Polypropylene, Pellet 1.5-1.8
Polystyrene Resin 2.4 - 2.6
Polystyrol 2.0-2,6
Polysulphonic Acid 2.8
Polytetra Fluoroethylene 2.0
Polyvinyl Alcohol 1.9-2.0
Polyvinyl Chloride 3.4
Polyvinylchloride Resin 5.8 - 6.8
Porcelain 5.0-7.0
Porcelain With Zircon 7.1 - 10.5
Potassium Aluminum Sulphate 3.8
Potassium Carbonate (60° F) 5.6
Potassium Chlorate 5.1
Potassium Chloride 4.6
Potassium Chloronate 7.3
Potassium Iodide 5.6
Potassium Nitrate 5.0
Potassium Sulfate 5.9
Potassium Chloromate 7.3
Potassium Chloride 5.0
Propane (Liquid) (32° F) 1.6
Propanediol (68° F) 32 .0
Propanol (177° F) 20.1
Propene (68° F) 1.9
Propionaldehyde (62° F) 18.9
Propionic Acid (58° F) 3.1
Propionic Anhydride (60° F) 18.0
Propionitrile (68° F) 27.7
Propyl Butyrate (68° F) 4.3
Propyl Acetate (68° F) 6.3

Propyl Alcohol (68° F) 21.8
Propyl Benzene (68° F) 2.4
Propyl Bromide (68° F) 7.2
Propyl Butyrate (68° F) 4.3
Propyl Chloroformate (68° F) 11.2
Propyl Ether (78° F) 3.4
Propyl Formate (66° F) 7.9
Propyl Nitrate (64° F) 14.2
Propyl Propionate (68° F) 4.7
Propyl Valerate (65° F) 4.0
Propylene Liquid 11.9
Psuedocumene (60° F) 2.4
Pulegone (68° F) 9.5
Pulezone (66° F) 9.7
PVC, Powder 1.4
Pyrex 4.8
Pyrex Glass 4.3 - 5.0
Pyridine (68° F) 12.5
Pyroceram 3.5-4.5
Pyrrole (63° F) 7.5

[Return to top](#)



Quartz 4.2
Quinoline (77° F) 9.0
Quinoline (-292° F) 2.6

[Return to top](#)

-R-

Reburned Lime 2.2

Refractory (Cast) 6.7

Refractory (For Casting) 1.8 - 2.1

Resorcinol 3.2

Rice (Dry) 3.5

Rice Bran 1.4-2.0

Rouge 1.5

Rouge (Jewelers) 1.5 - 1.6

Rubber 3.0

Rubber (Chlorinated) 3.0

Rubber (Hard) 2.8

Rubber (Isomerized) 2.4 - 3.7

Rubber Cement 2.7-2.9

Rubber Chloride 2.1-2.7

Rubber, Raw 2.1-2.7

Rubber, Sulphurized 2.5-4.6

Ruby 11.3

Rutile 6.7

[Return to top](#)

-S-

Safrol (70° F) 3.1

Salicylaldehyde (68° F) 13.9

Salt 3.0 - 15.0

Sand (Dry) 5.0

Sand (Silicon Dioxide) 3 - 5.0

Santowax (70° F) 2.3

Selenium 6.1-7.4

Selenium 11

Selenium (482° F) 5.4

Selevium (249° F) 5.4

Sesame 1.8-2.0

Shellac 2.0-3.8

Silica Aluminate 2

Silica Sand 2.5-3.5

Silicon 11.0 - 12.0

Silicon Dioxide 4.5

Silicon Tetrachloride (60° F) 2.4

Silicone Molding Compound (SMC)

(SMC) (Glass Fiber Filled) 3.7

Silicone Oil 2.2-2.9

Silicone Resin, Liquid 3.5-5.0

Silicone Rubber 3.2-9.8

Silicone Varnish 2.8-3.3

Silk 2.5-3.5

Silver Bromide 12.2

Silver Chloride 11.2

Silver Cyanide 5.6

Slaked Lime, Powder 2.0-3.5

Slate 6.0-7.5

Smithsonite 9.3

Soap Powders 1.2 - 1.7

Sodium Carbonate 5.3 - 8.4

Sodium Carbonate (Anhyd) 8.4

Sodium Carbonate (10h₂O) 5.3

Sodium Chloride 5.9

Sodium Chloride (Salt) 6.1

Sodium Cyanide 7.55

Sodium Dichromate 2.9

Sodium Nitrate 5.2

Sodium Oleate (68° F) 2.7

Sodium Perchlorate 5.4

Sodium Phosphate 1.6-1.9

Sodium Porchlorate 5.4

Sodium Sulphide 5

Sorbitol (176° F) 33.5

Soy Beans 2.8

Stannec Chloride (72° F) 3.2

Starch 3-5

Starch, Paste 1.7-1.8

Stearic Acid (160° F) 2.3

Stearine 2.3

Steatite 5.5 - 7.5

Styrene (77° F) 2.4

Styrene (Modified) 2.4 - 3.8

Styrene (Phenylethane) (77° F) 2.4

Styrene Resin 2.3-3.4

Succinamide (72° F) 2.9

Succinic Acid (78° F) 2.4

Sucrose 3.3

Sucrose (Mean) 3.3

Sugar 3.0

Sugar, Granulated 1.5-2.2

Sulfur 1.6 - 1.7

Sulfur Dioxide (-4° F) 17.6

Sulfur Dioxide (32° F) 15.0

Sulfur Monochloride (58° F) 4.8

Sulfur Trioxide (64° F) 3.1

Sulfurous Oxychloride (72° F) 9.1

Sulfuryl Chloride (72° F) 10.0

Sulphur(244° F) 3.5

Sulphur (450° F) 3.5

Sulphur Dioxide (32° F) 15.6

Sulphur Trioxide (70° F) 3.6

Sulphur, Liquid 3.5

Sulphur, Powder 3.6

Sulphuric Acid (68° F) 84.0

Sulfuric Acid (25° C) 100.0

Supphuric Oxychloride (72° F) 9.2

Syrup 50-80

Syrup Wax 2.5-2.9

[Return to top](#)



Tantalum Oxide 11.6

Tartaric Acid (68°F) 6.0

Tartaric Acid (14° F) 35.9

Teflon 2.0

Teflon (4f) 2.0

Teflon, FEP 2.1

Teflon, PCTFE 2.3-2.8

Teflon, PTFE 2

Tepineol 2.8

Terpinene (70° F) 2.7

Terpineol (72° F) 2.8

Tetrabromoethane (72° F) 7.0

Tetrachloroethylene (70° F) 2.5

Tetradecamethyltetradecamethylcycloheptasiloxan 2.7

Tetradecamethylhexosiloxane (68° F) 2.5

Tetradecanol (100° F) 4.7

Tetraethyl Amylenetetra-carboxylate 4.40

Tetraethyl Hexane-1-Phenyl Tetra-carboxylate (66° F) 5.9

Tetraethyl Pentane Diphenyl Tetra-carboxylate (68° F) 2.7

Tetraethyl Propane Tetra-carboxylate (66° F) 5.2

Tetraethyl Propylene Tetra-carboxylate (66° F) 6.0

Tetraethyl Silicate (68° F) 4.1

Tetrafluoroethylene 2.0

Tetrahydro-B-Naphthol (68° F) 11.0

Tetranitromethane (68° F) 2.2

Tetratriacontadiene (76° F) 2.8

Thallium Chloride 46.9

Thinner 3.7

Thioacetic Acid (68° F) 13.0

Thionyl Bromide (68° F) 9.1

Thionyl Chloride (68° F) 9.3

Thiophene (60° F) 2.8

Thiophosphoryl Chloride (70° F) 5.8

Thorium Oxide 10.6

Thrichloroethylene (61° F) 3.4

Thujone (32° F) 10.0

Tide (Loose From Box) 1.6

Tin Tetrachloride (68° F) 2.9

Titanium Tetrachloride (68° F) 2.8
Titanium Dioxide 110.00
Titanium Oxide 40-50
Titanium Tetrachloride (68 Degrees F) 2.8
Tobacco 1.6 - 1.7
Tobacco Dust (6% Moisture) 1.7
Toluene (68° F) 2.4
Toluene, Liquid 2.0-2.4
Toluidine (68° F) 6.0
Tolunitrile (73° F) 18.8
Tolyl Methyl Ether (68° F) 3.5
Totane (111° F) 5.5
Tourmaline 6.3
Trans-3-Hexene (76° F) 2.0
Transmission Oil (80° F) 2.2
Tribromopropane (68° F) 6.4
Tributylphosphate (86° F) 8.0
Trichlorethylene 3.4
Trichloroacetic Acid (140° F) 4.6
Trichloroethane 7.5
Trichloroethylene (61° F) 3.4
Trichlorololuene (70° F) 6.9
Trichloropropane (76° F) 2.4
Trichlorotoluene (69° F) 6.9
Trichloroxoluene 6.9
Tricosanone (176° F) 4.0
Tricresyl Phosphate (104° F) 6.9
Triethyl Aconitate (68° F) 6.4
Triethyl Aluminum (68° F) 2.9
Triethyl Ethanetricarboxylate (66° F) 6.5

Triethyl Isoaconitate (68° F) 7.2

Triethylamine (21° F) 3.2

Triethylamine (77° F) 2.4

Trifluoroactic Acid (68° F) 39.0

Trifluorotoluene (86° F) 9.2

Trimethyl Borate (68° F) 8.2

Trimethyl-3-Heptene (68° F) 2.2

Trimethylamine (77° F) 2.5

Trimethylbenzene (68° F) 2.3

Trimethylbutane (68° F) 1.9

Trimethylpentane 1.9

Trimethylpentane (68° F) 2.9

Trimethylsulfanilic Acid (64° F) 89.0

Trinitrobenzene (68° F) 2.2

Trinitrotoluene (69° F) 22.0

Triolein (76° F) 3.2

Triphenylmethane (212° F) 2.3

Tripolmitin (140° F) 2.9

Tristearin (158° F) 2.8

Turpentine (Wood) (68° F) 2.2

Two-Dichloroethane 10.7

[Return to top](#)

-U-

Undecane (68° F) 2.0

Undecanone (58° F) 8.4

Urea 5-8

Urea (71° F) 3.5

Urea Formaldehyde (Uf Degrees F)

Urea Formaldehyde (Cellulose Filler) 6.4 - 6.9

Urea Resin 6.2-9.5

Urethan (121° F) 14.2

Urethane (74° F) 3.2

Urethane Resin 6.5 - 7.1

[Return to top](#)



Valeraldehyde (58° F) 11.8

Valeric Acid (68° F) 2.6

Valeronitrile (70° F) 17.7

Vanadium Oxybromide (78° F) 3.6

Vanadium Oxychloride (78° F) 3.4

Vanadium Sulfide 3.1

Vanadium Tetrachloride (78° F) 3.0

Vaseline 2.2-2.9

Veratrol (73° F) 4.5

Vinyl Alcohol Resin 2.6-3.5

Vinyl Butyral 3.3 - 3.9

Vinyl Chloride (Acetate) 3.0 - 3.1

Vinyl Chloride (Flexible) 3.5 - 4.5

Vinyl Chloride (Ridgig) 2.8 - 3.0

Vinyl Chloride Resin, Hard 5.8-6.4

Vinyl Chloride Resin, Soft 2.8-4.0

Vinyl Ether (68° F) 3.9

Vinyl Formal 3.0

Vinylidene Chloride 3.0 - 4.0

Vycor Glass 3.8

[Return to top](#)

-W-

Water 4-88

Water (32° F) 88.0

Water (68° F) 80.4

Water (212° F) 55.3

Water (390° F) 34.5

Water (80° F) 80.0

Water (Steam) 1.00785

Wax 2.4-6.5

Wheat Flour 3.0 - 5.0

Wheat Flour (Dry Powder) 1.6

White Mica 4.5-9.6

Wood, Dry 2-6

Wood, Pressed Board 2.0-2.6

Wood, Wet 10-30

[Return to top](#)

-X-

Xylene (68° F) 2.4

Xylene, Liquid 2.2-2.6

Xylenol 17

Xylenol (62° F) 3.9

Xylidine (68° F) 5.0

[Return to top](#)

-Y-

-Z-

Zinc Oxide 1.7-2.5

Zinc Sulfide 8.2

Zircon 12.0

Zirconium Oxide 12.5

Zirconium Silicate 5.0

[Return to top](#)

-Numeric-

1, 2-Dichloroethane (77° F) 10.7

1-Diethoxyethane (75° F) 3.8

1-Heptene (68° F) 2.1

1-Octanol (68° F) 10.3

2-Methyl-1-Propanol (77° F) 17.7

3 Dimethyl-2-Butanone 13.1

3-Chloro-1, Dihydroxyprone (68° F) 31.0

3-Dimethyl-2-Butanone (293° F) 13.1

[Return to top](#)