

A			
ABS resin	2.4-4.1	Barium titanate	1200
Acetate	3.2-7.0	Bengala	2.6
Acetic acid	6.2	Benzene	2.3
Acetone	19.5	Benzene alcohol	13.1
Acetyl cellulose	2.5-7.5	Beryl (parallel to optical axis)	6.08
Acryl nitrile resin	3.5-4.5	Beryl (perpendicular to optical axis)	7.02
Acrylic resin	2.7-4.5	Beverage in glass bottle	2.0-2.5
Air	1.000586	Black lead	12.0-13.0
Air (liquid)	1.5	Bleaching powder	1.8-2.0
Alcohol	16-31	Bone black	5.0-6.0
Alkyd resin	5	Borosilicate	4.0-5.0
Alumina film	6-10	Butane	20
Alumina porcelain	8.0-11	Butyl rubber	2.5-3.5
Alumino alkyd resin	3.9	Butyrate	3.2-6.2
Aluminum hydroxide	2.2	C	
Aluminum oxide	2.14	Calcite	8.3
Aluminum powder	1.6-	Calcium	3
Alundum	3.2-3.4	Calcium hydroxide (powder)	1.8-3.0
Aniline	6.9	Calcium phosphate	1.58
Aniline-formaldehyde resin	4	Calcium phosphate	1.9-3.2
Aniline resin	3.4-3.8	Calcium silicate	2.4-5.4
Animal feed	3.0-5.0	Carbide powder	5.8-7.0
Amber	2.8-2.9	Carbolic acid	10
Aminoalkyl resin	3.9-4.2	Carbon bisulfide (liquid)	2.6
Ammonia	15-25	Carbon dioxide	1.000985
Aqueous solution	50-80	Carbon dioxide (liquid)	1.6
Aqueous solution	50-80	Carbon tetrachloride	2.2-2.6
Asbestos	1.4-1.5	Casein resin	6.1-6.8
Asbestos	3~3.5	Celluloid	4.1-4.3
Asbestos	3~3.6	Cellulose	6.7-8.0
Asphalt	2.7	Cellulose acetate	3.2-7
AS resin	2.6-3.1	Cellophane	6.1-7.7
B		Cereals	3.0-5.0
Bakelite	4.5-5.5	Cevine	1.6-2.0
Bakelite vanish	3.5-4.5	Chez beer benzene	2.3
Barium nitrate	5.9	Chloroform	4.8
		Chloronaphthalene	3.5-5.4
		Chloropyrene	6.0-9.0
		Chromium ore	8.0-10.0
		Chromite	4.0-4.2
		Clay (powder)	1.8-2.8
		Coal tar	2.0-3.0
		Cocoa lees	2.5~.5
		Coffee lees	2.4~.6
		Compound	3.6
		Corn lees	2.3-2.6
		Cotton	3-7.5
		Cotton seed oil	3.1
		Cresol	11.8
		Cross-linked polyethylene	2.3-2.4
		Crude oil (KW#9020.01%)	2.428 or more
		D	
		Darusamu	3.2
		Dextrin	2.2-2.4
		Diallele phthalate	3.8-4.2
		Diallele phthalate resin	3.3-6.0
		Diamond	16.5
		Dolomite	3.1
		E	
		Ethyl acetate	6.4
		Ethylene oxide	4.0-5.0
		F	
		Feldspathic porcelain	5-7
		Fellow chrome	1.5-1.8
		Ferric oxide (powder)	1.4-1.8
		Ferrite (powder)	1.4-
		Ferro-manganese	2.8-3.2
		Ferrule resin	3.0-12.0
		Fiber	2.5-5
		Filling compound	3.6
		Film flake (black)	1.17-1.19
		Flexible glass	3.45

Flour	2.5-3.0	Hydrogen (liquid)	1.2	N-hexane	2
Fluor resin	4.0-8.0	I		Normal heptane	1.92
Fluorinated aluminum	2.2	Ice	4.2	Nylon	3.5-5.0
Fluorite	6.8	Ivory	1.9	Nylon-6	3.5-4.0
Flux	3	K		Nylon-6-6	3.4-3.5
Flyash	1.5-1.7	Kerosene	1.8	O	
Formalin	23	L		Oxygen	1.000547
Formic acid	58.5	Lead nitrate	37.7	Oxygen dioxide (liquid)	2.6
Forsterite porcelain	5.8-6.7	Light oil	1.8	P	
Foundry sand	3.384-3.467	M		Paint	7.5
Freon	2.2	Magnesium sulfate (powder)	2.7 or more	Palm lees	3.1
Freon 11	2.2	Manganese dioxide	5.1	Paper	2.0-2.5
Furfural resin	4.0-8.0	Marble	3.5-9.3	Paper, phenol laminate plate	5.0-7.0
Furan resin	4.5-10.0	Margarine liquid	2.8-3.2	Paraffin	1.9-2.5
G		Melamine-formaldehyde resin	7.0-9.0	Paraffin oil	4.6-4.8
Gasoline	2.0-2.2	Melamine resin	4.7-10.2	Paraffin wax	2.1-2.5
Glass	3.7-10.0	Methacrylic resin	2.2-3.2	Pebble	5.4-6.6
Glass bead	3.1	Methanol	33	PE cube	1.55-1.57
Glass, epoxy laminate plate	4.5-5.2	Methyl violet	4.6	Petroleum	2.0-2.2
Glass, silicone laminate plate	3.5-4.5	Mica	5.7-7.0	Phenole (lime acid)	9.78
Glass, polyester laminate plate	4.2-5	Micanite	3.4-8.0	Phenol paper laminate sheet	4.6-5.5
Glucose	3.0-4.0	Micarex	6.5-9.5	Phenol pellet	2.0-2.6
Glue (powder)	1.7-1.8	Micro hexane	2	Phosphate rock	4
Glycol	35.0-40.0	Mineral oil	2-2.5	Pine oil	2.5
Glycerin	47	Mirror stone	4.5-7.5	Polyacetal resin	3.6-3.7
Granular glass (0010)	6.32	N		Polyamide	2.5-2.6
Granular glass (0080)	6.75	Naphtha	1.8	Polybutylene	2.2-2.3
Granulated sugar (powder)	1.5-2.2	Naphthalene	2.5	Polybutylene resin	2.25
Granule gelatin	2.615-2.664	Natural rubber	2.7-4.0	Polycarbonate	2.9-3
Gypsum	5.3	Neoprene	9-Jun	Polycarbonate powder	1.58
H		Nescafe powder	0.55-0.7 vibration	Polycarbonate resin	2.9-3.0
Hard PVC resin	2.8-3.1	Nitrobenzene	36	Polyester pellet	3.2
Hard vinyl butyral resin	3.33	Nitro cellulose lacquer	6.7-7.3	Polyester resin	2.8-8.1
Helium (liquid)	1.05	Nitrogen	1.000606	Polyethylene	2.3-2.4
Honey	2.9	Nitrogen (liquid)	1.4	Polyethylene (high pressure)	2.2
Honey wax	2.5-2.9			Polyethylene (low pressure)	2.3
Hydrogen	1.000264			Polyethylene oxide	7.8

Polyethylene pellet	1.7	Ruby (perpendicular to optical axis)	13.27	Teflon (4F)	2
Polyethylene-elephthalate	2.9-3	S		Terekuru acid	1.5-1.7
Poly methyl acrylate	4	Salt	3.0-15.0	Terephthalic acid	Approx. 1.5-1.7
Polypropylene	2.0-2.3	Sand	3.0-5.0	Thinner	3.7
Polypropylene pellet	1.5-1.8	Selenium	6.1-7.4	Thiokol	7.5
Polypropylene resin	2.2-2.6	Sesame (granular)	1.8-2.0	Titanium dioxide	100
Polystyrene	2.4-2.6	Shellac	2.3-3.8	Titanium oxide	83-183
Polystyrene pellet	1.5	Shellac vanish	2.8-4.7	Titanium oxide porcelain	30~80
Polystyrol	2.0-2.6	Shell sand	1.2	Tobacco (shredded)	1.5
Polysulfonate	2.8	Silica alumina	2	Tokuseal	1.45
Polytetrafluoroethylene	2	Silica sand	2.5-3.5	Toluene	2.3
Poly urethane	5.0-5.3	Silicon	2.4	Transformer oil	2.2-2.4
Polyvinyl alcohol	2	Silicon	3.5-5.0	Trichloroethylene	3.4
Porcelain	4.4-7.0	Silicon iron	1.38	U	
Pottery	5-7	Silicone resin	3.5-5	Unsaturated polyester resin	2.8-5.2
Press board	2.0-5.0	Silicone resin (liquid)	3.5-5.0	Urea	5-8
Propane (liquid)	1.6-1.9	Silicone rubber	3.0-3.5	Urea-formaldehyde resin	6.0-9.0
Propionate	3.3-3.8	Silicone vanish	2.8-3.3	Urea resin	3.4-6.9
Propylene glycol	32	Silk	1.3-2	Urea resin	5.0-10.0
PVA-E(sawdust)	2.23-2.30	Slate	6.6-7.4	V	
P vinyl alcohol	1.8	Snow	3.3	Vacuum	1
Pyranol	4.4	Soybean lees	2.7-2.8	Vanadium dust	2.6
Pyrex	4.8	Soy bean oil	2.9-3.5	Vanadium sulfide	3.1
Q		Soda-lime glass	6.0-8.0	Vaseline	2.2-2.9
Quartz	3.7-4.1	Sodium carbonate	2.7	Vinegar	37.6
Quartz crystal	4.6	Sodium dichromate	2.9	Vinyl acetate	2.7-6.1
Quartz crystal (melted)	3.5-3.6	Soft PVC resin	3.3-4.5	Vinyl alcohol	1.8-2.0
Quartz glass	3.5-4.0	Soft vinyl butyral resin	3.92	Vinyl formal resin	3.0-3.7
Quartz (melted)	3.5-4.5	Steatite	5.3-6.8	Vycor	3.8
R		Steatite porcelain	7-Jun	W	
Rice powder	3.5-3.7	Styrene-butadiene rubber	3.0-7.0	Water	80
Rochelle salt	100-2000	Styrene resin	2.3-3.4	Wheat	3.0-5.0
Rosin oil (powder)	1.65	Styrol resin	2.4-2.8	Wheat flour	3.0-4.5
Rubber cement	2.7-2.9	Sugar	3	Wood (depend on moisture content)	2.0-6.0
Rubber (raw)	2.1-2.7	Superphosphate	14.0-15.0	X	
Rubber (vulcanized)	2.0-3.5	T		Xylene	2.3
Ruby (parallel to optical axis)	11.28	Talc	1.6-2.0	Xylol	2.7-2.8
				Z	
				Zinc oxide	1.7-2.5