

■ Dielectric Constants

Medium	Dielectric Constant	Medium	Dielectric Constant	Medium	Dielectric Constant
ABS pellet	1.5-2.5	Gasoline	2.2	PP pellet	1.5-1.8
Acetone	19.5-20.0	Glass, raw material	2.0-10.0	Press board	2.0-5.0
Acrylic resin	2.7-6.0	Glycerine	47.0	PVC powder	1.4
Air	1.0	Grain	3.0-8.0	Quartz glass	3.7
Alcohol, industrial	16.0-31.0	Granulated sugar	1.5-2.2	Rice	3.0-8.0
Aluminum powder	1.6-1.8	Hard paper	4.5	Rubber, raw	2.1-35
Aluminum sulfate	6.0	Heavy oil	2.6-3.0	Salt	6.0
Ammonia	15.0-25.0	Hexane, liquid	5.8-6.3	Sand	3.0-5.0
Aniline	6.9	Hydrochloric acid	4.0-12.0	Shellac	2.5-4.7
Aqueous solutions	50.0-80.0	Iron oxide	14.2	Shell lime	1.2
Asphalt	2.5-3.2	Liquid nitrogen	1.4	Silicon varnish	2.8-3.3
Bakelite	3.6	Kerosene	2.8	Soap powder	1.2-1.5
Benzene, liquid	2.3	Marble	8.0-8.5	Sodium sulfite	5.0
Cable sealing compound	2.5	Melamine resin	4.7-10.2	Soybean oil	2.9-3.5
Calcium carbonate	1.8-2.0	Mica	5.7-6.7	Starch	2.0-5.0
Calcium oxide	11.8	Milk powder	3.5-4.0	Styrene resin	2.3-3.4
Calcium sulfate	5.6	Mineral oil	2.1	Sugar	3.0
Carbon dioxide	1.0-1.6	Nitrobenzene	36.0	Sulfuric acid	84.0
Carbon tetrachloride	2.2	Nylon	4.0-5.0	Sulphur	3.4
Celluloid	3.0	Oil saturated paper	4.0	Teflon	2.0
Cement powder	1.5-4.0	Paint	5.0-8.0	Toluene liquid	2.0-2.4
Cereal	3.0-5.0	Paraffin	1.9-2.5	Transformer oil	2.2
Chlorine liquid	2.0	Paper	1.6-2.6	Turpentine oil	2.2
Coal powder	1.2-1.8	PE pellet	1.5	Urea resin	5.0-8.0
Coffee powder	2.4-2.6	Perspex	3.2-3.5	Urethane	6.5-7.1
Coke	1.1-2.2	Petroleum	2.0-2.22	Vaseline	2.2-7.0
Corn, refuse	2.3-2.6	Phenol resin	4.0-12.0	Vegetable oil	2.5-3.5
Ebonite	2.7-2.9	Polyacetal	3.6-3.7	Water	48.0-80.0
Epoxy resin	2.5-6.0	Polyamide	5.0	Wheat powder	2.5-3.0
Ethyl alcohol	24.0	Polyester resin	2.8-8.1	Wood, dry	2.0-7.0
Ethylene glycol	38.7	Polystyrene	3.0	Wood, wet	10.0-30.0
Flour	1.5-3.0	Polyvinyl chloride resin	2.8-3.1	Xylene liquid	2.2-2.6
Flyash	1.5-1.7	Porcelain	4.4-7.0		
Freon R22 & 502 (liquid)	6.11	Potassium chloride	4.6		



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