Dielectric Constants

Medium	Dielectric Constants	Recommended Sensitivity	Medium	Dielectric Constants	Recommended Sensitivity
ABS pellet	1.5-2.5	A	Isobutyl Alcohol	18.7-31.7	B2
Acetic Acid	6.1-6.7	B1	Kerosene	2.8	A
Acetone	17.7-20.7	B2	Lead Oxide	25.9	B2
Acrylic Resin	2.7-4.5	B1	Lead Sulfate	14.3	B2
Alcohol, Industrial	16-31	B2	Magnesium Oxide	9.7	B2
Aluminum Phosphate	6	B1	Methyl Alcohol	33-56.6	B2
Aluminum Powder	1.6-1.8	A	Methyl Ethyl Ketone	18.4	B2
Aluminum Sulfate	6	B1	Mica	4.5-7.5	B1
Ammonia	15-25	B1	Neoprene	6-9	B1
Aniline	5.5-7.8	B1	Nitric Acid	80-90	C
Asphalt (Solids)	2.7	B1	Nitrogen, Liquid	1.4	A
Bakelite	3.5-4.5	B1	Nylon	4-5	B1
Barium Sulfate	11.4	B2	Oil, Petroleum	1.8-2.2	A-B1
Benzene	2.3	B1	Oil, Transformer	2.2	B1
Calcium Carbonate	1.8-2	A	Oil, Vegetable	2.5-3.5	A-B1
Calcium Oxide	11.8	B2	Paint	5-8	B2
Calcium Sulfate	5.6	B1	PE (Pellet)	1.5	A
Carbon Dioxide	1.6	A	PE (Powder)	2.2-2.4	A-B1
Cellulose	6.7	B1	Phenol (Liquid)	9.9-15	B2
Cement	1.5-2.1	A	Phenol (Resin)	4-12	B1
Ceramic	5-7	B1	Phosphorus	4.1	B1
Cereals	3-5	B1	Potassium Carbonate	5.6	B1
Chlorine Liquid	2	A	Potassium Chloride	4.6	B1
Chlorocyclohexane	7.6	B2	PP	1.5-1.8	A
Coal (Powder)	1.2-1.8	A	Propane (Liquid)	1.6	A
Coffee (Powder)	2.4-2.6	A-B1	PTFE (Teflon)	2	A
Coke	1.1-2.2	A	PVC (Powder)	1.4	A
Corn	5-10	B1	Quartz	4.3	B1
Epoxy Resin	2.5-6	B1	Rice	3.5	B1
Ethyl Acetate	6.4	B1	Rubber	3	B1
Ethyl Alcohol	24	B2	Rubber (Raw)	2.1-2.7	A-B1
Ethylene Chloride	10.5	B2	Sand	3-5	B1
Ferrous Oxide	1.4-1.8	A	Silicon Rubber	3.2-9.8	B1
Flour	2.5-3	A-B1	Soap (Powder)	1.2-1.5	A
Fly ash	1.5-1.7	A	Sodium Sulfite	5	B1
Formic Acid	58	B2-C	Starch	3-5	B1
Freon-12	2.4	B1	Styrene	2.3-3.4	A-B1
Glass (Beads)	3.1	B1	Sugar (Granular)	1.5-2.2	A
Glass (Raw material)	2.0-2.5	A-B1	Sugar (Powder)	3	B1
Glycerin	47-68	B2	Sulphur	3.6-4.4	B1
Glycol	36	B2	Sulphuric Acid	84	C
Grain	3-8	B1	Toluene, Liquid	2-2.4	A
Hexane, Liquid	5.8-6.3	B1	Urea	3.5	B1
Hydrochloric Acid	4-12	B1	Urea Resin	6.2-9.5	B1
Hydrogen Chloride	4.6	B1	Water	48-80	B2-C
Hydrogen Peroxide	84.2	C	Wheat Powder	2.5-3.0	A-B1
Hydrogen Sulfide	5.8-9.3	B1	Xylene	2.4	B1
Iron Oxide	14.2	B2	Zinc Sulfide	8.2	B2

Note: The sensitivity can be changed by the temperature, pressure, vapor, ingredients of medium, and so on.