

Description	Density	Shrinkage%	Tensile kg/cm ²	Volume Resistive Ohm.cm	Dielectric Strength kV/mm	Deformation Temp 18.6kg/cm ²
HDPE	0.94-0.97	2-5	220-390	>10 ¹⁶	18-20	43-49
LDPE	0.91-93	1.5-5	80-160	>10 ¹⁶	18-40	32-41
PP	0.9-0.91	1-2.5	300-390	>10 ¹⁶	20-26	57-64
PA6	1.12-1.14	0.4-1.4	490-840	>10 ¹⁴	19-20	66-80
PA66	1.13-1.15	0.8-1.5	790-840		16	104
ACETAL	1.41-1.43	2.0-2.5	700-840	10 ¹⁴	19	124
PBTP	1.31	1.7-2.3	300	10 ¹⁶	23	54 (4.6kg/cm ²)
PTFE	2.1-2.3		140-230	>10 ¹⁸	19	121 (4.6kg/cm ²)
PVC ,HARD	1.35-1.45	0.1-0.5	480-550	>10 ¹⁶	15-30	54-80
ACRYLIC	1.17-1.2	0.1-0.4	490-770	>10 ¹⁴	18-22	60-88
PC	1.2	0.5-0.7	560-670	10 ¹⁶	16	130-138
PPO	1.06-1.1	0.6	550-670	>10 ¹⁶	15-22	130
PBT+30% FIBRES	1.5	0.3	1330	10 ¹⁶		218
PA66+30% FIBRES	1.4	0.6	1820	5x10 ¹⁵		249