

Technical Data Sheet

PC 0710
Polycarbonate

Polycarbonate (PC) plastics are a naturally transparent amorphous thermoplastic. Polycarbonates used in engineering are strong, tough materials, and some grades are optically transparent. They are easily worked, molded, and thermoformed.

Application:

This grade Suitable for injection modeling and Extrusion, Business Machines, Packaging, Sports, Appliances, Electrical, Lighting, Wire and Cable, Automotive, Sheets.

Properties	Value	Unite	TE\est. Method
MFI (300°C)	7.1-10	g/10 min	ASTM D 1238
Density	1.2	g/cm3	ASTM D 792
Tensile Strength	≥60	Mpa	ASTM D 638
Modulus of Elasticity	2000-2400	Mpa	ASTM D 638
Elongation	≥85	%	ASTM D 638
Dielectric Strength	≥18	Kv/mm	ASTM D 149
Charpy Impact Strength	≥20	Kj/m2	ASTM D 6110
Vicat soft. Temp.	142-146	°C	ASTM D 1525
Transmittance	≥80	%	ASTM D 01003
Solvent Content	MAX1500	Ppm	GC(int-st)
Yellow Index	MAX6	---	ASTM D 1925