

PGPC 1012 Technical Datasheet

1) Product Description:

PGPC 1012 is an injection grade polycarbonate resin featuring high impact, excellent heat resistant, as well as good mechanical properties.

2) Applications:

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

3) Typical data:

Property	Test method	Unit	value
MFI (300)	ASTM D1238	g/10min	10.1-12
Density	ASTM D792	g/cm ³	1.2
Tensile Strength	ASTM D638	Mpa	≥ 60
Modulus of Elasticity	ASTM D638	Mpa	2000-2400
Elongation	ASTM D638	%	≥ 85
Dielectric Strength	ASTM D149	Kv/mm	≥ 18
Charpy Impact Strength	ASTM D6110	Kj/m ²	≥ 20
Vicat soft. Temp	ASTM D1525	°C	142-146
Transmittance	ASTM D1003	%	≥ 80
Solvent Content	GC (int-st)	ppm	Max 1500
Yellow Index	ASTM D1925	-	Max.6