

PGPC 0407U Technical Datasheet

1) Product Description:

PGPC-0407U is a UV stabilized polycarbonate (PC) grade available in clear to opaque solid form. Suitable for extrusion applications.

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	4.1-7
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	%	≥ 90
Dielectric Strength	ASTM D149	Kv/mm	≥ 18
Charpy Impact Strength	ASTM D6110	Kj/m ²	>20
Vicat soft. Temp	ASTM D1525	°C	142-147
Transmittance	ASTM D1003	%	≥ 80
Solvent Content	GC (int-st)	ppm	Max 1500
Yellow Index	ASTM D1925	-	Max 6