

PGPC0104

This is a kind of PolyCarbonate Polymer.

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

Analysis	Test Method	Condition	Unit	Guarantee Values
MFI (300 °C)	ASTM D1238	1.2 Kg load	g/10 min	1-4
Density	ASTM D792	25 °C	g/cm ³	1.2
Tensile Strength	ASTM D638	@ yield	Mpa	≥ 60
Modulus of Elasticity	ASTM D638	- - -	Mpa	2000-2400
Elongation	ASTM D638	@ Break	%	≥ 90
Dielectric Strength	ASTM D149	@ 50 Hz	Kv/mm	≥ 18
Charpy Impact Strength	ASTM D6110	Notched	Kj/m ²	≥ 30
Vicat soft. Temp.	ASTM D1525	50 N , 50°C/h	°C	144-148
Transmittance	ASTM D1003	Thickness 2mm	%	≥ 80
Solvent Content	GC (int-st)	- - -	ppm	Max 1500
Yellow Index	ASTM D1925	PC-Granul	- - -	Max.6
	Pre-Drying		120°C/4hours	