



Polymers


 Chemical &  
Aromatics

 Fuel & Feeds  
Stock

# POLYCARBONATE

**PGPC-1012**

Analysis	Unit	Value	Condition	Test Method
MFI (300C)	g/10 min	10.1-12	1.2 Kg load	ASTM D 1238
Density	g/cm <sup>3</sup>	1.2	25C	ASTM D 792
tensile Strength	Mpa	≥ 60	at yield	ASTM D 638
Modulus of Elasticity	Mpa	2000-2400	-	ASTM D 638
Elongation	%	≥ 90	at Break	ASTM D 638
Dielectric Strength	Kv/mm	≥ 20	at 50 Hz	ASTM D 149
Charpy Impact Strength	Kj/m <sup>2</sup>	≥ 20	Notched	ASTM D 6110
Vicat soft. Temp.	C	142-146	50 N, 50 C/h	ASTM D 1525
Transmittance	%	≥ 80	Thickness 2 mm	ASTM D 1003
Solvent Content	ppm	Max.3000	-	GC (int-st)

## APPLICATION

suitable for injection molding and extrusion, optical, business machines, packaging, sports, appliances, electrical, lighting, wire & cable, automotive, sheets