



Polymers


 Chemical &
Aromatics

 Fuel & Feeds
Stock

POLYCARBONATE

PGPC-2230

Analysis	Unit	Value	Condition	Test Method
MFI (300C)	g/10 min	22.1-30	1.2 Kg load @ 300 °C	ASTM D 1238
Density	g/cm ³	1.2	---	ASTM D 792
tensile Strength	Mpa	≥ 60	at yield	ASTM D 638
tensile Stress	Mpa	55-70	at yield	ASTM D 638
Elongation Strain	%	> 50	at Break	ASTM D 638
Modulus of Elasticity	Mpa	2200-2400	-	ASTM D 638
Dielectric Strength	Kv/mm	≥ 20	at 50 Hz Diameter=50mm & Thickness=2	ASTM D 149
Charpy Impact Strength	Kj/m ²	≥ 20	Notched	ASTM D 256
Vicat soft. Temp.	°C	140-150	50 N, 50 C/h	ASTM D 1525
Transmittance	%	≥ 80	at Thickness 2 mm	ASTM D 1003
Solvent Content	ppm	Max.500	-	GC (int-st)

APPLICATION

suitable for injection molding, Automotive, Appliances, electrical, Construction & housing