



National Petrochemical Company  
 Khouzestan Petrochemical Company  
 (KZPC)

## POLYCARBONATE

### PGPC-0712

#### PRODUCT DATA SHEET

Analysis	Test method	Condition	Unit	value
MFI (300 C)	ASTM D1238	1.2 Kg load	g/10 min	7.1-12
Density	ASTM D792	25 C	g/cm <sup>3</sup>	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	≥ 20
Charpy Impact Strength	ASTM D6110	Notched	Kj/m <sup>2</sup>	≥ 25
Vicat soft. Temp.	ASTM D1525	50 N , 50C/h	C	142-146
Transmittance	ASTM D1003	Thickness 2mm	%	≥80
Solvent Content	GC (int-st)	--	ppm	Max. 3000

Factory Address: Site 4, Pet Zone, Bandar Imam, Khouzestan, IRAN.

E-mail: [info@kzpc.ir](mailto:info@kzpc.ir)

Tel Info .Center Site: 0652262-50017&50018

Fax No Site: 065226-50002&50003