



National Petrochemical Company  
 Khuzestan Petrochemical Company  
 (KZPC)

## POLYCARBONATE

### PGPC-0407

#### PRODUCT DATA SHEET

Analysis	Test method	Condition	Unit	value
MFI (300 C)	ASTM D1238	1.2 Kg load	g/10 min	4.1-7
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	%	> 100
Dielectric Strength	ASTM D149	@ 50 Hz	Kv/mm	≥25
Charpy Impact Strength	ASTM D6110	Notched	Kj/m <sup>2</sup>	≥20
Vicat soft. Temp.	ASTM D1525	50 N , 50C/h	C	143-147
Transmittance	ASTM D1003	Thickness 2mm	%	≥ 80
Solvent Content	GC (int-st)	--	ppm	Max. 3000

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