



National Petrochemical Company
 Khuzestan Petrochemical Company
 (KZPC)

POLYCARBONATE

PGPC-1218

PRODUCT DATA SHEET

<i>Analysis</i>	<i>Test method</i>	<i>Condition</i>	<i>Unit</i>	<i>value</i>
MFI (300 C)	ASTM D1238	1.2 Kg load	g/10 min	12.1-18
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	%	≥80
Dielectric Strength	ASTM D149	@ 50 Hz	Kv/mm	≥20
Charpy Impact Strength	ASTM D6110	Notched	Kj/m ²	≥20
Vicat soft. Temp.	ASTM D1525	50 N , 50C/h	C	141-145
Transmittance	ASTM D1003	Thickness 2mm	%	≥80
Solvent Content	GC (int-st)	--	ppm	Max. 3000

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

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