

INTRODUCTION OF PETROCHEMICAL PRODUCTS

POLYPROPYLENE - COPOLYMER (P.P)

PYI 180

PP HOMOPOLYMER / POLYNAR Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.9	g/cm ³	-----	ASTM D1505
MFI	17 - 20	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Flexural Modulus	1500 - 1600	MPa	-----	ASTM D790
Izod Impact Strength, Notched	25 - 35	J/m	at 23°C,	ASTM D256
Tensile Elongation at Yield	9 - 12	%	-----	ASTM D638
Tensile Strength at Yield	32 - 36	MPa	-----	ASTM D638
Heat Deflection Temperature	92 - 98	°C	At 0.46 MPa	ASTM D648
Vicat Softening Point	153	°C	10 N	ASTM D1525

- Manufacturer: Polynar Pet.co.
- Application: Carpets and rugs, furniture, non-woven textiles, staple fibers, continuous yarn, diapers.
- Process: Textile.

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