

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

## POLYPROPYLENE - COPOLYMER (P.P)

# PYI 250

## PP HOMOPOLYMER / POLYNAR Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.908	g/cm <sup>3</sup>	-----	ASTM D1505
MFI	25	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Flexural Modulus	1498	MPa	-----	ASTM D790
Izod Impact Strength, Notched	0.204	KJ/m <sup>2</sup>	at 23°C,	ASTM D256
Tensile Elongation at Yield	6.93	%	-----	ASTM D638
Tensile Strength at Yield	33.86	MPa	-----	ASTM D638
Heat Deflection Temperature	88.4	°C	At 0.46 MPa	ASTM D648
Vicat Softening Point	157	°C	10 N	ASTM D1525

- Manufacturer: Polynar Pet.co.
- Application: Heavy-duty clothing, sportswear, fibers, handkerchiefs, bulk bags, carpets and rugs, upholstery, bags and backpacks, seat belts, staple fibers, nonwovens, CF fibers, BCF fibers, diapers, medical and hygiene products.
- Process: Textile.
- Features: High stretch ratio, good tensile strength, food contact grade, good resilience, good toughness, good flowability, good processability, Gas Fading Stabilized.

**PETRO BAMDAD AZARAN**  
ENGINEERING & TRADING CO

Add: No.148, Motahari St., Tehran, Iran -- Tel: +98 21 87700799 -- Email/Web:  
info@petrobam.com/www.petrobam.com