

INTRODUCTION OF PETROCHEMICAL PRODUCTS

POLYPROPYLENE - COPOLYMER (P.P)

HP 500N

PP HOMOPOLYMER / SHAZAND Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.9	g/cm ³	-----	ASTM D1505
MFI	12	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Flexural Modulus	1400	MPa	-----	ASTM D790
Hardness, Rockwell R	102	-----	-----	ASTM D785
Izod Impact Strength, Notched	20	J/m	at 23°C,	ASTM D256
Tensile Elongation at Yield	12	%	-----	ASTM D638
Tensile Strength at Yield	34	MPa	-----	ASTM D638
Heat Deflection Temperature	95	°C	At 0.46 MPa	ASTM D648
Oven Aging	360	h	At 150°C , Air	ASTM D3012
Vicat Softening Point	154	°C	10 N	ASTM D1525

- Manufacturer: Shazand Pet.co.
- Application: Fibers, seat belts, belts, carpets and rugs, staple fibers, CF fibers, ropes and twine.
- Process: Textile.
- Features: Food contact grade, good flowability.

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