

INTRODUCTION OF PETROCHEMICAL PRODUCTS

POLYPROPYLENE - COPOLYMER (P.P)

Z30S

PP HOMOPOLYMER / SHAZAND Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.9	g/cm ³	-----	ASTM D1505
MFI	25	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Flexural Modulus	1500	MPa	-----	ASTM D790
Hardness, Rockwell R	100	-----	-----	ASTM D785
Izod Impact Strength, Notched	30	J/m	at 23°C,	ASTM D256
Tensile Elongation at Yield	13	%	-----	ASTM D638
Tensile Strength at Yield	32	MPa	-----	ASTM D638
Heat Deflection Temperature	94	°C	At 0.46 MPa	ASTM D648
Oven Aging	150	h	At 150°C , Air	ASTM D3012
Vicat Softening Point	152	°C	10 N	ASTM D1525

- Manufacturer: Shazand Pet.co.
- Application: Carpets and rugs, handkerchiefs, seat belts, bags and backpacks, upholstery and coverings for home furnishings, heavy-duty clothing, sportswear, bulk bags (bulky bags), non-woven textiles, BCF fibers, staple fibers, CF fibers, diapers, medical and hygiene products.
- Process: Textile.
- Features: Good flowability, high stretch ratio, food contact grade, good toughness, good resilience.

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