

INTRODUCTION OF PETROCHEMICAL PRODUCTS

POLYPROPYLENE - COPOLYMER (P.P)

HP 550J

PP HOMOPOLYMER / SHAZAND Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.9	g/cm ³	-----	ASTM D1505
MFI	3.2	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Flexural Modulus	1550	MPa	-----	ASTM D790
Hardness, Rockwell R	102	-----	-----	ASTM D785
Izod Impact Strength, Notched	55	J/m	at 23°C,	ASTM D256
Tensile Elongation at Yield	12	%	-----	ASTM D638
Tensile Strength at Yield	35	MPa	-----	ASTM D638
Heat Deflection Temperature	94	°C	At 0.46 MPa	ASTM D648
Oven Aging	360	h	At 150°C , Air	ASTM D3012
Vicat Softening Point	156	°C	10 N	ASTM D1525

- Manufacturer: Shazand Pet.co.
- Application: Bags and backpacks, fibers, artificial grass, dairy product containers, sheets, carpets and rugs, trays, food containers, thermoforming sheets, ribbon yarn, brush fibers, monofilament fibers, ropes and twine.
- Process: Thermoforming, Film Casting, Extrusion.
- Features: Good processability, food contact grade, good rigidity.

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