

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

## POLYPROPYLENE - COPOLYMER (P.P)

# ZH 515MA

PP HOMOPOLYMER / NAVID ZAR SHIMI Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.9	g/cm <sup>3</sup>	-----	ASTM D1505
MFI	7 - 11	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Flexural Modulus	1080 - 1320	MPa	-----	ASTM D790
Hardness, Rockwell R	100 - 120	-----	-----	ASTM D785
Izod Impact Strength, Notched	36.96 – 37.04	J/m	at 23°C,	ASTM D256
Tensile Elongation at Yield	10 - 12	%	-----	ASTM D638
Tensile Strength at Yield	27 - 37	MPa	-----	ASTM D638
Heat Deflection Temperature	87 - 103	°C	At 0.46 MPa	ASTM D648
Vicat Softening Point	146 - 156	°C	9.8 N	ASTM D1525
Gloss	75 - 85	-----	-----	ASTM D523
Haze	1.5 – 2.5	%	-----	ASTM D1003

- Manufacturer: Navid zar shimi Pet.co.
- Application: General purpose film, plastic folder.
- Process: Blown film, Cast film.
- Features: Good optical properties, low tendency of film layers to stick together, high gloss, food contact grade, good processability, good transparency.

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