

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

## POLYPROPYLENE - COPOLYMER (P.P)

# ZB 548T

## PP COPOLYMER / NAVID ZAR SHIMI Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.92	g/cm <sup>3</sup>	-----	ASTM D1505
MFI	40 - 50	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Flexural Modulus	1300 - 1600	MPa	-----	ASTM D790
Hardness, Rockwell R	80 - 100	-----	-----	ASTM D785
Izod Impact Strength, Notched	80 - 100	J/m	at 23°C	ASTM D256
Tensile Elongation at Yield	5 - 7	%	-----	ASTM D638
Tensile Strength at Yield	22 - 28	MPa	-----	ASTM D638
Heat Deflection Temperature	90 - 110	°C	At 0.45 MPa	ASTM D648
Vicat Softening Point	140 - 160	°C	-----	ASTM D1525

- Manufacturer: Navid Zar Shimi Pet.co.
- Application: Food containers, lids, pots.
- Process: Injection Molding.
- Features: Good processability, Good impact strength, Good flowability, Good stiffness, Good dimensional stability, Easy mold filling, Good antistatic properties.

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