

INTRODUCTION OF PETROCHEMICAL PRODUCTS

POLYPROPYLENE - COPOLYMER (P.P)

ZR 340R

PP COPOLYMER / NAVID ZAR SHIMI Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.92	g/cm ³	-----	ASTM D1505
MFI	22 - 28	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Flexural Modulus	950 - 1150	MPa	-----	ASTM D790
Izod Impact Strength, Notched	4.5 – 5.5	KJ/m ²	at +23°C	ASTM D256
Tensile Elongation at Yield	11 - 14	%	-----	ASTM D638
Tensile Strength at Yield	24 - 32	MPa	-----	ASTM D638
Heat Deflection Temperature	86 - 102	°C	At 0.46 MPa	ASTM D648
Oven Aging	360 - 375	h	At 150°C, Forced Circulation	ASTM D3012
Vicat Softening Point	132 - 142	°C	At 9.8 N	ASTM D1525
Vicat Softening Point	112	°C	-----	ASTM D1525
Gloss	73	-----	45 °C	ASTM D2457
Haze	13	%	-----	ASTM D1003

- Manufacturer: Navid Zar Shimi Pet.co.
- Application: Household items, bottles, medicine bottles, food containers, storage containers or tanks, caps, dairy product containers, pharmaceutical, medical and health product packaging, syringes, cosmetic and health product packaging.
- Process: Injection Molding, Blow Molding.
- Features: Good flowability, food contact grade, high gloss, good transparency, good barrier properties, good moisture impermeability.

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