

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

## POLYPROPYLENE - COPOLYMER (P.P)

# Parslen ZR230C

PP COPOLYMER / NAVID ZAR SHIMI Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.90	g/cm <sup>3</sup>	-----	ASTM D1505
MFI	0.35	g/10 min	At 2.16Kg, 230°C	ASTM D1238
MFI	6	g/10 min	At 5Kg, 230°C	ASTM D1238
Flexural Modulus	880 - 1120	MPa	-----	ASTM D790
Hardness, Rockwell R	75 - 85	-----	-----	ASTM D785
Izod Impact Strength, Notched	0	J/m	at 23°C, Not Break	ASTM D256
Izod Impact Strength, Notched	49.5 - 50.5	J/m	at -20°C	ASTM D256
Tensile Elongation at Yield	13 - 15	%	-----	ASTM D638
Tensile Strength at Yield	24 - 32	MPa	-----	ASTM D638
Heat Deflection Temperature	67 - 83	°C	At 0.46 MPa	ASTM D648
Vicat Softening Point	130 - 140	°C	9.8 N	ASTM D1525

- Manufacturer: Navid Zar Shimi Pet.co.
- Application: Pipe, weldable fittings, sheet, hot water pipe, water pipe, high pressure pipe, pipe fittings, cold water pipe.
- Process: Extrusion, Compression molding.
- Features: High impact resistance, Good thermal resistance, Good creep resistance, Good chemical resistance, Good toughness, High molecular weight.

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