



PP-R ZR230C

PP Random Copolymer · Pressure & Heating Pipe Grade

Also traded as PPRC · PP Random Copolymer · Origin: Iran

MFR (230 °C / 2.16 KG)

0.35 g/10 min

DENSITY

0.90 g/cm³

PROCESS

Pipe Extrusion

VICAT (9.8 N)

135 °C

PRODUCT DESCRIPTION

PP-R ZR230C is a high-molecular-weight random copolymer for extrusion and compression moulding. Excellent heat resistance, superior toughness down to 0 °C and improved creep-rupture strength under internal pressure make it ideal for pressure, heating and underfloor pipes, domestic hot and cold water lines and weldable fittings.

- Excellent heat resistance
- Improved creep-rupture
- High toughness to 0 °C
- Resistant to aggressive media

PROCESSING GUIDE

Process	Pipe & profile extrusion
Melt temperature	200 – 230 °C
Also for	Tough industrial sheet
Form	Natural pellets

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
PHYSICAL			
Melt Flow Rate (230 °C / 2.16 kg)	ASTM D1238	g/10 min	0.35
Melt Flow Rate (230 °C / 5 kg)	ASTM D1238	g/10 min	1.7
Density	ASTM D1505	g/cm ³	0.90
MECHANICAL			
Flexural Modulus	ASTM D790	MPa	1000
Tensile Strength at Yield	ASTM D638	MPa	28
Elongation at Yield	ASTM D638	%	15
Izod Impact, notched (23 °C)	ASTM D256	J/m	No break
Izod Impact, notched (-20 °C)	ASTM D256	J/m	50
Rockwell Hardness	ASTM D785	R scale	75
THERMAL			
Vicat Softening Point (9.8 N)	ASTM D1525	°C	135
HDT (0.46 MPa)	ASTM D648	°C	75

APPLICATIONS



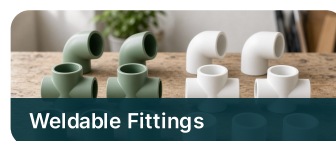
Pressure Pipe



Heating Pipe



Underfloor Heating



Weldable Fittings

PACKAGING

25 kg PE / woven bags
Palletised or jumbo on request
20' / 40' container loading

SUPPLY

Delivery ex-factory or at border
100% pre-shipment inspection
Full export documentation



Get Today's Price

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◆ DIRECT SUPPLY FROM IRAN

◆ PREMIUM GRADES

◆ COMPETITIVE PRICES

◆ WORLDWIDE EXPORT

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/product/pp-r-zr230c/

The values above are typical and are not to be construed as specification limits. Users should verify suitability for their own process and application.

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