

## Technical Datasheet

- **Grade Name:** MR230C COPOLYMER
- **Categories:** Polymer, Thermoplastic, Polypropylene, Polypropylene Copolymer
- **Processing Methods:** extrusion and injection molding
- **Applications:** suitable for industrial water conveyance, hot and cold water supply systems
- **Features:** excellent creep properties and processability

Physical Properties			
Properties	Value	Unit	Test Method
MFI( 230 °C/2.16 Kg)	21	g/10min	ASTM D1238
Density	0.9	g/cm <sup>3</sup>	ASTM D1505
Mechanical Properties			
Properties	Value	Unit	Test Method
Flexural Modulus	950	MPa	ASTM D790
Izod Impact Strength (notched) at 23 °C	85	J/m	ASTM D256
Tensile Elongation at Yield	> 430	%	ASTM D638
Tensile Strength at Yield	28	MPa	ASTM D638
Izod Impact Strength (notched) at -20 °C	50	J/m	ASTM D256
Rockwell Hardness	98	R Scale	ASTM D785
Thermal Properties			
Properties	Value	Unit	Test Method
H. D. T (0.46 MPa)	82	°C	ASTM D648
Accelerated oven ageing in air at 135 °C	360	h	ASTM D3012
Vicat Softening Point (9.8 N)	135	°C	ASTM D1525

Typical Properties: These values are not to be considered as product specifications.

