Always there is a SOLUTION!





Technical Datasheet

o Grade Name: MR230C COPOLYMER

o **Categories**: Polymer, Thermoplastic, Polypropylene, Polypropylene Copolymer

o Processing Methods: extrusion and injection molding

 Applications: suitable for industrial water conveyance, hot and cold water supply systems

o Features: excellent creep properties and processability

| Physical Properties | | | |
|---|---------|-----------|--------------|
| Properties | Value | Unit | Test Method |
| MFI(230 °C/2.16 Kg) | <0.3 | Dg/min | ASTM D1238 L |
| MFI(230 °C/2.16 Kg) | 0.8-1.3 | Dg/min | ASTM D1238 L |
| Density | 0.9 | g/cm³ | ASTM D1505 |
| Mechanical Properties | | | |
| Properties | Value | Unit | Test Method |
| Flexural Modulus | 950 | MPa | ASTM D790 |
| Izod Impact Strength (notched) at 23 °C | NB | J/m | ASTM D256 |
| Tensile Elongation at Yield | > 430 | % | ASTM D638 |
| Tensile Strength at Yield | 28 | MPa | ASTM D638 |
| Izod Impact Strength (notched) at -23 °C | 50 | J/m | ASTM D256 |
| Rockwell Hardness | 0.11 | mm/(m.°C) | ASTM D696 |
| 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 | >9000 | 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.

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