Hyosung Topilene R200P PP

Categories: Polymer; Thermoplastic; Polypropylene; Polypropylene Copolymer

Material Notes: **R200P Extrusion Random Copolymer**

Applications:

- Underfloor heating pipe
- Water service pipe

Characteristics:

- Pressure resistance
- High impact
- Long-term heat stability
- Flexibility

Information provided by Hyosung Corporation

Vendors: No vendors are listed for this material. Please click here if you are a supplier and would like information on how to add your listing to this material.

Physical Properties	Metric	English	Comments
Melt Flow	0.200 g/10 min	0.200 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	60	60	ASTM D785
Tensile Strength, Yield	26.5 MPa	3840 psi	ASTM D638
Elongation at Break	400 %	400 %	ASTM D638
Flexural Modulus	0.834 GPa	121 ksi	ASTM D790
Izod Impact, Unnotched	NB	NB	ASTM D256
	0.441 J/cm @Temperature -10.0 °C	0.827 ft-lb/in @Temperature 14.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	141 °C	286 °F	HS Method
Deflection Temperature at 0.46 MPa (66 psi)	85.0 °C	185 °F	ASTM D648
Vicat Softening Point	130 °C	266 °F	ASTM D1525