

Hyosung Topilene R200P PP

Category : Polymer , Thermoplastic , Polypropylene (PP) , 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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hyosung-Topilene-R200P-PP.php

Physical Properties	Metric	English	Comments
Melt Flow	0.20 g/10 min	0.20 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 Â°C	0.827 ft-lb/in @Temperature 14.0 Â°F	ASTM D256

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

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