

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

Some of the values displayed above may have been converted from their original units and/or rounded in order to display the information in a consistent format. Users requiring more precise data for scientific or engineering calculations can click on the property value to see the original value as well as raw conversions to equivalent units. We advise that you only use the original value or one of its raw conversions in your calculations to minimize rounding error. We also ask that you refer to MatWeb's [terms of use](#) regarding this information. [Click here](#) to view all the property values for this datasheet as they were originally entered into MatWeb.