

Hyosung Topilene HJ145 PP

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

HJ145 High Isostatic PP Impact Copolymer Applications: Low pressure injection molding Automobile parts Characteristics: High flowability High stiffness Medium impact Information provided by Hyosung Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hyosung-Topilene-HJ145-PP.php

Physical Properties	Metric	English	Comments
Melt Flow	100 g/10 min	100 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	88	88	ASTM D785
Tensile Strength, Yield	28.4 MPa	4120 psi	ASTM D638
Elongation at Break	100 %	100 %	ASTM D638
Flexural Modulus	1.52 GPa	220 ksi	ASTM D790
Izod Impact, Unnotched	0.539 J/cm	1.01 ft-lb/in	ASTM D256
	0.294 J/cm @Temperature -10.0 Â°C	0.551 ft-lb/in @Temperature 14.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 Â°C	257 Â°F	ASTM D648
Vicat Softening Point	150 Â°C	302 Â°F	ASTM D1525

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