

Hyosung Topilene HJ700 PP

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

HJ700 High Isostatic PP Homopolymer Applications: Compounding Electric appliance Automobile parts Characteristics: High stiffness Heat resistance Information provided by Hyosung Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hyosung-Topilene-HJ700-PP.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in ³	ASTM D792
Melt Flow	11 g/10 min	11 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Yield	42.2 MPa	6120 psi	ASTM D638
Elongation at Break	100 %	100 %	ASTM D638
Flexural Modulus	2.21 GPa	320 ksi	ASTM D790
Izod Impact, Unnotched	0.294 J/cm	0.551 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 Â°C	275 Â°F	ASTM D648
Vicat Softening Point	155 Â°C	311 Â°F	ASTM D1525

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