

Hyosung Topilene HJ646 PP

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

Material Notes:

HJ646 Impact Copolymer Applications: Compounding Electric appliance Automobile parts Characteristics: High stiffness Heat resistance Medium impact Information provided by Hyosung Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hyosung-Topilene-HJ646-PP.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Yield	24.5 MPa	3560 psi	ASTM D638
Flexural Modulus	1.27 GPa	185 ksi	ASTM D790
Izod Impact, Unnotched	1.96 J/cm	3.67 ft-lb/in	ASTM D256
	0.686 J/cm @Temperature -10.0 Â°C	1.29 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

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