

Hyosung Topilene J640 PP

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

Material Notes:

J640 Injection Impact Copolymer Applications: General purpose Battery case Electric appliance Characteristics: Medium

Impact Flowability Information provided by Hyosung Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hyosung-Topilene-J640-PP.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Yield	27.5 MPa	3980 psi	ASTM D638
Elongation at Break	400 %	400 %	ASTM D638
Flexural Modulus	1.18 GPa	171 ksi	ASTM D790
Izod Impact, Unnotched	0.981 J/cm	1.84 ft-lb/in	ASTM D256
	0.490 J/cm @Temperature -10.0 Â°C	0.918 ft-lb/in @Temperature 14.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	105 Â°C	221 Â°F	ASTM D648
Vicat Softening Point	150 Â°C	302 Â°F	ASTM D1525
Flammability, UL94	HB	HB	

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