

Hyosung Topilene HJ541CP PP

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

Material Notes:

HJ541CP High Isostatic PP Impact Copolymer
 Applications: Cap of pressure bottle
 Characteristics: High stiffness Slip property Medium impact
 Information provided by Hyosung Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hyosung-Topilene-HJ541CP-PP.php

Physical Properties	Metric	English	Comments
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	88	88	ASTM D785
Tensile Strength, Yield	32.4 MPa	4690 psi	ASTM D638
Elongation at Break	200 %	200 %	ASTM D638
Flexural Modulus	1.62 GPa	235 ksi	ASTM D790
Izod Impact, Unnotched	0.981 J/cm	1.84 ft-lb/in	ASTM D256
	0.539 J/cm @Temperature -10.0 Â°C	1.01 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	155 Â°C	311 Â°F	ASTM D1525

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