

Hyosung Topilene J801R PP

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

J801R Injection Special Purpose Grade Applications: Electric home appliance Characteristics: High stiffness Long-term heat resistance Information provided by Hyosung Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hyosung-Topilene-J801R-PP.php

Physical Properties	Metric	English	Comments
Melt Flow	18 g/10 min	18 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Yield	41.2 MPa	5970 psi	ASTM D638
Elongation at Break	200 %	200 %	ASTM D638
Flexural Modulus	2.01 GPa	292 ksi	ASTM D790
Izod Impact, Unnotched	0.343 J/cm	0.643 ft-lb/in	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	154 Â°C	309 Â°F	ASTM D1525

Descriptive Properties	Value	Comments
Flammability	6B	UL 74 (@120Â°C)

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