

## Hyosung Topilene R401 PP

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

**Material Notes:**

R401 Extrusion Random Copolymer Applications: Extrusion blow molding Stationary sheet Characteristics: Transparency Stiffness Information provided by Hyosung Corporation

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Hyosung-Topilene-R401-PP.php](http://www.lookpolymers.com/polymer_Hyosung-Topilene-R401-PP.php)

Physical Properties	Metric	English	Comments
Melt Flow	4.0 g/10 min	4.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Yield	31.4 MPa	4550 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Flexural Modulus	1.18 GPa	171 ksi	ASTM D790
Izod Impact, Unnotched	0.785 J/cm	1.47 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 Â°C	212 Â°F	ASTM D648
Vicat Softening Point	130 Â°C	266 Â°F	ASTM D1525

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