

Hyosung Topilene F501 PP

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

Material Notes:

F501 Extrusion General Homopolymer Applications: Flat yarn Rope Band Characteristics: Processability Information provided by Hyosung Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hyosung-Topilene-F501-PP.php

Physical Properties	Metric	English	Comments
Melt Flow	3.0 g/10 min	3.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	95	95	ASTM D785
Tensile Strength, Yield	35.3 MPa	5120 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Flexural Modulus	1.57 GPa	228 ksi	ASTM D790
Izod Impact, Unnotched	0.392 J/cm	0.735 ft-lb/in	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

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