

Hyosung Topilene S905 PP

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

Material Notes:

S905 Fiber Grade Homopolymer Applications: Spunbound Characteristics: High flowability Processability Information provided by Hyosung Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hyosung-Topilene-S905-PP.php

Physical Properties	Metric	English	Comments
Melt Flow	35 g/10 min	35 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Yield	34.3 MPa	4980 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Flexural Modulus	1.47 GPa	213 ksi	ASTM D790
Izod Impact, Unnotched	0.216 J/cm	0.404 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 Â°C	230 Â°F	ASTM D648
Vicat Softening Point	150 Â°C	302 Â°F	ASTM D1525

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