

Washington Penn PPH3TF4-BLK Polypropylene, 40% Talc Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Talc Filler

Material Notes:

Homopolymer. Meets GMP.PP.030 spec.Applications: Fan shrouds, heater housings, various under hood uses.Data provided by Washington Penn Plastic Co., Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Washington-Penn-PPH3TF4-BLK-Polypropylene-40-Talc-Filled.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	ASTM D792
Melt Flow	8.0 - 12 g/10 min	8.0 - 12 g/10 min	8-12 g/10min; Cond L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Modulus	2.70 GPa	392 ksi	Secant; ASTM D790
Izod Impact, Notched	0.400 J/cm @Thickness 3.17 mm	0.749 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	136 °C	277 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	83.0 °C	181 °F	ASTM D648

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