

Washington Penn PPH2TF-2B Polypropylene, 20% Talc Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Talc Filler

Material Notes:

Injection Molding Grade. Heat Stabilized. Meets Ford ESH-M4D293-B Spec.Applications: AC Blower wheels, parts and appliances.Data provided by Washington Penn Plastic Co., Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Washington-Penn-PPH2TF-2B-Polypropylene-20-Talc-Filled.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.014 - 0.016 cm/cm	0.014 - 0.016 in/in	ASTM D955
Melt Flow	3.0 - 7.0 g/10 min	3.0 - 7.0 g/10 min	Cond L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	50 cm/min; ASTM D638
Flexural Modulus	2.20 GPa	319 ksi	Tangent; ASTM D790
Izod Impact, Notched	0.300 J/cm @Thickness 3.17 mm	0.562 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	115 °C	239 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	67.0 °C	153 °F	ASTM D648

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