

Washington Penn PPC3MF1.5-Black Polypropylene, 15% Mica-Filled, Chemically-Coupled

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

Material Notes:

Heat Stabilized injection molding compound. Meets physical requirements for General Motors Spec. GMP.PP.024.Applications: HVAC duct and other various automotive applications.Data provided by Washington Penn Plastic Co., Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Washington-Penn-PPC3MF15-Black-Polypropylene-15-Mica-Filled-Chemically-Coupled.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in ³	ASTM D792
Melt Flow	7.0 g/10 min	7.0 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	ASTM D638
Flexural Yield Strength	44.0 MPa	6380 psi	ASTM D790
Flexural Modulus	1.60 GPa	232 ksi	Tangent; ASTM D790
Izod Impact, Notched	0.500 J/cm @Thickness 3.17 mm	0.937 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	ASTM D648

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