

A. Schulman POLYFLAM™ E-15086-1B Mineral Impact Modified, Low Warp Polypropylene Black

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

Material Notes:

Description Polyfort® E-15086-1B is a mineral impact modified low warp polypropylene black. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFLAM-E-15086-1B-Mineral-Impact-Modified-Low-Warp-Polypropylene-Black.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Melt Flow	3.0 - 6.0 g/10 min	3.0 - 6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.0 MPa	3050 psi	ASTM D638
Flexural Strength	33.0 MPa	4790 psi	ASTM D790
Flexural Modulus	2.098 GPa	304.3 ksi	ASTM D790
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	114 °C	237 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	71.0 °C	160 °F	ASTM D648

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