

A. Schulman POLYFORT™ FPP 1512E Talc Filled, High Impact Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Talc Filler

Material Notes:

Description Polyfort® FPP 1512E is a 10% talc-filled, high impact copolymer polypropylene. Application Polyfort® FPP 1512E is suitable for extrusion or blow molding applications. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-1512E-Talc-Filled-High-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.957 g/cc	0.957 g/cc	ASTM D792
Melt Flow	0.75 g/10 min @Temperature 230 °C	0.75 g/10 min @Temperature 446 °F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Yield	26.37 MPa	3825 psi	2 in/min; ASTM D638
Elongation at Break	13 %	13 %	ASTM D638
Flexural Strength	35.54 MPa	5155 psi	ASTM D790
Flexural Modulus	1.68 GPa	244 ksi	ASTM D790
	2.20 GPa	319 ksi	1.3 mm/min; ASTM D790
Izod Impact, Notched	2.83 J/cm	5.30 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	116 °C	240 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	76.7 °C	170 °F	ASTM D648

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