

A. Schulman POLYFORT™ FPP 1182 Talc Fortified Impact Resistant Polypropylene

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

Material Notes:

Description Polyfort® FPP 1182 is a 20% talc fortified impact resistant polypropylene. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-1182-Talc-Fortified-Impact-Resistant-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Melt Flow	5.0 - 10 g/10 min	5.0 - 10 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	87	87	ASTM D785
Tensile Strength, Yield	25.5 MPa	3700 psi	ASTM D638
Flexural Modulus	1.725 GPa	250.2 ksi	ASTM D790
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256
Izod Impact, Unnotched	16.0 J/cm	30.0 ft-lb/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)	66.0 °C	151 °F	ASTM D648

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