

A. Schulman POLYFORT™ FPP 2122UV-M-31 Black, Talc Filled Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Talc Filler

Material Notes:

Description Polyfort® FPP 2122UV-M-31 is a black 40% talc filled polypropylene. It is weather and urethane contact resistant and contains a mold release. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-2122UV-M-31-Black-Talc-Filled-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 - 1.25 g/cc	1.20 - 1.25 g/cc	ASTM D792
Melt Flow	7.0 - 10 g/10 min @Temperature 230 °C	7.0 - 10 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	>= 80	>= 80	ASTM D785
Tensile Strength, Yield	>= 22.5 MPa	>= 3270 psi	2 in/min; ASTM D638
Elongation at Break	>= 6.0 %	>= 6.0 %	ASTM D638
Flexural Modulus	>= 3.40 GPa	>= 493 ksi	ASTM D790
Izod Impact, Notched	>= 0.294 J/cm	>= 0.550 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	>= 120 °C	>= 248 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	>= 90.0 °C	>= 194 °F	ASTM D648

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