

A. Schulman POLYFORT™ PP 2801 Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Description Polyfort® PP 2801 is a 12 melt flow homopolymer polypropylene based on the same ingredients as Eastman P4G4Z-001. It is compounded on equipment and under conditions as close as possible to those that are used by Eastman. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-PP-2801-Homopolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.903 g/cc	0.903 g/cc	ASTM D792
Melt Flow	8.0 - 15 g/10 min	8.0 - 15 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.8 MPa	5190 psi	ASTM D638
Elongation at Break	9.0 %	9.0 %	ASTM D638
Flexural Modulus	1.653 GPa	239.8 ksi	ASTM D790
Izod Impact, Notched	>= 0.267 J/cm	>= 0.500 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	>= 101 °C	>= 214 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	>= 60.0 °C	>= 140 °F	ASTM D648
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	

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