

A. Schulman POLYFORT™ PP 3702 Clarified Copolymer Polypropylene

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

Material Notes:

Description Polyfort® PP 3702 is a clarified copolymer polypropylene. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-PP-3702-Clarified-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.890 g/cc	0.890 g/cc	ASTM D792
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	69	69	ASTM D785
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Flexural Strength	30.0 MPa	4350 psi	ASTM D790
Flexural Modulus	0.953 GPa	138 ksi	ASTM D790
Izod Impact, Notched	4.35 J/cm	8.15 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	51.0 °C	124 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	84.0 °C	183 °F	ASTM D648

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