

A. Schulman POLYFORT™ PP 3153 Homopolymer Polypropylene

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

Material Notes:

Description Polyfort® PP 3153 is a homopolymer polypropylene. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-PP-3153-Homopolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.890 - 0.910 g/cc	0.890 - 0.910 g/cc	ASTM D792
Melt Flow	4.5 - 7.5 g/10 min @Temperature 230 °C	4.5 - 7.5 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Yield	26.5 MPa	3840 psi	ASTM D638
Elongation at Break	300 %	300 %	ASTM D638
Flexural Strength	29.0 MPa	4210 psi	ASTM D790
Flexural Modulus	0.931 GPa	135 ksi	ASTM D790
Izod Impact, Notched	0.801 J/cm	1.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	105 °C	221 °F	ASTM D648

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