

A. Schulman POLYFORT™ PP 3052UX Impact Resistant Copolymer

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

Material Notes:

Description Polyfort® PP 3052UX is a UV stabilized extra high flow impact resistant copolymer with a relatively high stiffness. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-PP-3052UX-Impact-Resistant-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	30 - 35 g/10 min	30 - 35 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.6 MPa	4290 psi	2 in/min; ASTM D638
Elongation at Break	45 %	45 %	ASTM D638
Flexural Modulus	1.45 GPa	210 ksi	ASTM D790
Izod Impact, Notched	0.747 J/cm	1.40 ft-lb/in	ASTM D256
Gardner Impact	2.26 J @Temperature -28.9 °C	1.67 ft-lb @Temperature -20.0 °F	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	114 °C	237 °F	ASTM D648

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