

A. Schulman PP 3052X-01 Polypropylene Impact Resistant Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

Description Polypropylene PP 3052X-01 is an extra high flow impact resistant copolymer with relatively high stiffness. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-PP-3052X-01-Polypropylene-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 @Load 2.16 kg, Temperature 230 °C	30 - 35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.6 MPa	4000 psi	2 in/min; ASTM D638
Flexural Modulus	1.24 GPa	180 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 D5420

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	106 °C	223 °F	ASTM D648

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