

A. Schulman PP 828-31 Polypropylene Black Molding Grade Impact Polypropylene

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

Material Notes:

Description Polypropylene PP 828-31 Black is a molding grade impact polypropylene. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-PP-828-31-Polypropylene-Black-Molding-Grade-Impact-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Index of Compound	8.0 g/10 min @Temperature 230 °C	8.0 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.4 MPa	4260 psi	ASTM D638
Elongation at Break	12 %	12 %	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	ASTM D256
Gardner Impact	15.02 J @Thickness 3.20 mm, Temperature -30.0 °C	11.08 ft-lb @Thickness 0.126 in, Temperature -22.0 °F	ASTM D3029

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