

A. Schulman PP 1255-01 Polypropylene General Purpose Homopolymer Polypropylene

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

Material Notes:

Description Polypropylene PP 1255-01 Natural is a general purpose molding grade, with UL 94 HB approval, homopolymer polypropylene.

Application Polypropylene PP 1255-01 meets FDA Regulation 21 CFR 177.1520, for all food contact applications. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-PP-1255-01-Polypropylene-General-Purpose-Homopolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.902 g/cc	0.902 g/cc	ASTM D792
Melt Index of Compound	8.0 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	95	95	ASTM D785
Tensile Strength, Yield	34.5 MPa	5000 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	1.45 GPa	210 ksi	ASTM D790

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