

A. Schulman PP 3369-01 Polypropylene Medium-Flow Homopolymer Polypropylene

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

Material Notes:

Description Polypropylene PP 3369-01 is a medium-flow homopolymer polypropylene nucleated and anti-static designed for the molding of thin walled, and large parts. Application Typical applications of PP 3369-01 are packaging articles such as caps and closures and large containers. PP 3369-01 meets FDA Regulation 21 CFR 177.1250, for all food packaging applications at temperatures not exceeding 212°F (100°C). Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-PP-3369-01-Polypropylene-Medium-Flow-Homopolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.907 g/cc	0.907 g/cc	ASTM D792
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	113	113	ASTM D785
Tensile Strength, Yield	36.0 MPa	5220 psi	50 mm/min; ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.83 GPa	265 ksi	5 mm/min, tangent; ASTM D790
Izod Impact, Notched	0.260 J/cm	0.487 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	ASTM D648

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