

A. Schulman PP 1248-01 Polypropylene High-Flow Homopolymer Polypropylene

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

Material Notes:

Description Polypropylene PP 1248-01 is a high-flow homopolymer polypropylene nucleated and anti static designed for the high speed molding of thin-walled, multi-cavity parts. Application Typical applications of PP 1248-01 are packaging articles and thin-walled containers. This resin meets FDA Regulation 21 CFR 177.1520, for all 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-1248-01-Polypropylene-High-Flow-Homopolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	35 g/10 min	35 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	100	100	ASTM D785
Tensile Strength, Yield	32.0 MPa	4640 psi	at 50 mm/min; ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.60 GPa	232 ksi	50 mm span, 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)	110 °C	230 °F	ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China