

Flint Hills P6C6B-134 General Purpose Impact Copolymer Polypropylene

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

Material Notes:

Features: Good processability, nucleated with Antistat. Product does not contain animal derived components. Applications: Injection molding - lawn and garden parts Information provided by Flint Hills Resources.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Flint-Hills-P6C6B-134-General-Purpose-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	35 g/10 min	35 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ASTM D785
Tensile Strength, Yield	24.0 MPa	3480 psi	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Flexural Modulus	1.17 GPa	170 ksi	Tangent, 1.3 mm/min; ASTM D790
Izod Impact, Notched	1.12 J/cm	2.10 ft-lb/in	ASTM D256
Gardner Impact	16.0 J @Temperature -30.0 Â°C	11.8 ft-lb @Temperature -22.0 Â°F	ASTM D5420

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	109 Â°C	228 Â°F	ASTM D648
Flammability, UL94	HB	HB	

Descriptive Properties	Value	Comments
FDA	21 CFR 177.1520(c) 3.1a	

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