

Flint Hills AP6835-HS Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

Features: Excellent processing, good low temperature impact strength. Applications: Injection molding: Appliance components, consumer durables and closures Information Provided by Flint Hills Resources

Order this product through the following link:

http://www.lookpolymers.com/polymer_Flint-Hills-AP6835-HS-Polypropylene-Impact-Copolymer.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	91	91	ASTM D785
Tensile Strength, Yield	21.0 MPa	3050 psi	ASTM D638
Izod Impact, Notched	1.53 J/cm @Temperature 23.0 Â°C	2.87 ft-lb/in @Temperature 73.4 Â°F	ASTM D256
Gardner Impact	36.0 J @Temperature -30.0 Â°C	26.6 ft-lb @Temperature -22.0 Â°F	ASTM D5420
Tangent Modulus	1104 MPa	160100 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	85.0 Â°C	185 Â°F	ASTM D648

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