

## Flint Hills AP7535-HS Polypropylene Ultra High Impact Copolymer

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

**Material Notes:**

Features: Ease of processing, excellent low temperature impact and stiffness. Applications: Injection Molding: Automotive parts, appliances and consumer durables  
Information Provided by Flint Hills Resources

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Flint-Hills-AP7535-HS-Polypropylene-Ultra-High-Impact-Copolymer.php](http://www.lookpolymers.com/polymer_Flint-Hills-AP7535-HS-Polypropylene-Ultra-High-Impact-Copolymer.php)

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

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Yield	20.0 MPa	2900 psi	ASTM D638
Izod Impact, Notched	4.80 J/cm @Temperature 23.0 Â°C	8.99 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	931 MPa	135000 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	82.0 Â°C	180 Â°F	ASTM D648

Descriptive Properties	Value	Comments
Instrumented Impact	Ductile	2.3 m/s; -30Â°C; ASTM D3029

## Contact Songhan Plastic Technology Co.,Ltd.

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