

## Flint Hills AP5995-HA Polypropylene Impact Copolymer

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

**Material Notes:**

Features: Nucleated with slip, fast cycle times, high flowability. Applications: Injection Molding: High speed packaging applications and thin wall containers  
Information Provided by Flint Hills Resources

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Flint-Hills-AP5995-HA-Polypropylene-Impact-Copolymer.php](http://www.lookpolymers.com/polymer_Flint-Hills-AP5995-HA-Polypropylene-Impact-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	100 g/10 min	100 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.5 MPa	3990 psi	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Izod Impact, Notched	0.430 J/cm @Temperature 23.0 Â°C	0.806 ft-lb/in @Temperature 73.4 Â°F	ASTM D256
Gardner Impact	34.0 J @Temperature 23.0 Â°C	25.1 ft-lb @Temperature 73.4 Â°F	ASTM D5420
Tangent Modulus	1585 MPa	229900 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	107 Â°C	225 Â°F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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