

## Flint Hills P6G2N-095 Impact Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Sheet/Thermoforming Grade

### Material Notes:

Features: Excellent stiffness and impact resistance, nucleated, suitable for retort and hot fill applications. Product does not contain animal derived components. Applications: Blow molding, sheet/thermoforming for food, personal care, household chemicals and industrial parts. Information provided by Flint Hills Resources.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Flint-Hills-P6G2N-095-Impact-Copolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Flint-Hills-P6G2N-095-Impact-Copolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	92	92	ASTM D785
Tensile Strength, Yield	29.0 MPa	4210 psi	ASTM D638
Elongation at Yield	7.0 %	7.0 %	ASTM D638
Flexural Modulus	1.35 GPa	196 ksi	Tangent, 1.3 mm/min; ASTM D790
Izod Impact, Notched	6.03 J/cm	11.3 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	112 Â°C	234 Â°F	ASTM D648
Flammability, UL94	HB	HB	

Descriptive Properties	Value	Comments
FDA	21 CFR 177.1520(c) 3.2a	

## Contact Songhan Plastic Technology Co.,Ltd.

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