

## Flint Hills P5G2K-096 Random Copolymer Polypropylene

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

### Material Notes:

Features: Excellent clarity. Product does not contain animal derived components. Phthalate-free  
Applications: Thermoforming, extrusion blow molding, injection blow molding, stretch blow molding, clear containers and hot fill applications  
Information provided by Flint Hills Resources.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Flint-Hills-P5G2K-096-Random-Copolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Flint-Hills-P5G2K-096-Random-Copolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	1.9 g/10 min	1.9 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Yield	35.0 MPa	5080 psi	ASTM D638
Elongation at Break	11 %	11 %	ASTM D638
Flexural Modulus	1.248 GPa	181.0 ksi	Tangent; ASTM D790
Flexural Modulus, 1% Secant	1206 MPa	174900 psi	ASTM D790
Izod Impact, Notched	0.500 J/cm	0.937 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	92.0 Â°C	198 Â°F	ASTM D648

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

## Contact Songhan Plastic Technology Co.,Ltd.

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