

## Flint Hills P4G2Z-159 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade , Polypropylene, Film Grade

**Material Notes:**

Features: High xylene soluble. Product does not contain animal derived components. Phthalate-free.Applications: Extrusion: BOPP

Film Information Provided by Flint Hills Resources

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Flint-Hills-P4G2Z-159-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_Flint-Hills-P4G2Z-159-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	1.95 g/10 min	1.95 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	106	106	ASTM D785
Tensile Strength, Yield	37.0 MPa	5370 psi	ASTM D638
Elongation at Yield	9.0 %	9.0 %	ASTM D638
Flexural Modulus, 1% Secant	1483 MPa	215100 psi	ASTM D790
Izod Impact, Notched	0.300 J/cm @Temperature 23.0 Â°C	0.562 ft-lb/in @Temperature 73.4 Â°F	ASTM D256
Gardner Impact	13.0 J @Temperature 23.0 Â°C	9.59 ft-lb @Temperature 73.4 Â°F	ASTM D5420

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

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China