

## Flint Hills P5L2Z-038 Random Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

### Material Notes:

Random copolymer, USP Class VI certified, and FDA compliant. Features: Hydrotalcite. Applications: Injection molding: extrusion blow molding and hot fill applications. Former Huntsman polypropylene products are now produced by Flint Hills Resources.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Flint-Hills-P5L2Z-038-Random-Copolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Flint-Hills-P5L2Z-038-Random-Copolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Yield	32.0 MPa	4640 psi	ASTM D638
Elongation at Yield	11 %	11 %	ASTM D638
Flexural Modulus	0.990 GPa	144 ksi	1% Secant; ASTM D790
Izod Impact, Notched	0.400 J/cm	0.749 ft-lb/in	23 <sup>o</sup> C; ASTM D256
Gardner Impact	29.0 J	21.4 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	83.0 <sup>o</sup> C	181 <sup>o</sup> 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