

## Flint Hills P9H9Z-018 Polypropylene

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

**Material Notes:**

Specialty polypropylene, UL certified, and FDA compliant. Applications: Extrusion coating. 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-P9H9Z-018-Polypropylene.php](http://www.lookpolymers.com/polymer_Flint-Hills-P9H9Z-018-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.901 g/cc	0.0326 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	110 g/10 min	110 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Yield	37.0 MPa	5370 psi	ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.39 GPa	202 ksi	1% Secant; ASTM D790
Izod Impact, Notched	0.200 J/cm	0.375 ft-lb/in	23 <sup>o</sup> C; ASTM D256
Gardner Impact	1.00 J	0.738 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	91.0 <sup>o</sup> C	196 <sup>o</sup> F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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