

## Flint Hills P9H8M-058X Specialty Polypropylene

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

**Material Notes:**

Features: Does not contain animal derived components. Product is Phthalate-free. A low phosphorus content material. Applications:

Extrusion coating. Suitable for silicone coating. Information provided by Flint Hills Resources.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Flint-Hills-P9H8M-058X-Specialty-Polypropylene.php](http://www.lookpolymers.com/polymer_Flint-Hills-P9H8M-058X-Specialty-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.901 g/cc	0.0326 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	53 g/10 min	53 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	87	87	ASTM D785
Tensile Strength, Yield	29.0 MPa	4210 psi	ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.13 GPa	164 ksi	Tangent; ASTM D790
Flexural Modulus, 1% Secant	1070 MPa	155000 psi	ASTM D790
Izod Impact, Notched	0.200 J/cm	0.375 ft-lb/in	ASTM D256
Gardner Impact	2.00 J	1.48 ft-lb	ASTM D5420

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	86.0 Å°C	187 Å°F	ASTM D648

Descriptive Properties	Value	Comments
FDA	21 CFR 177.1520(c) 1.1a and 2.2	

## Contact Songhan Plastic Technology Co.,Ltd.

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