

Flint Hills P5M6N-058A Polypropylene Random Copolymer

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

Material Notes:

Features: Excellent processability, nucleated and antistat. Product does not contain animal derived components. Phthalate-free. Applications: Injection Molding: consumer disposable items

Information Provided by Flint Hills Resources

Order this product through the following link:

http://www.lookpolymers.com/polymer_Flint-Hills-P5M6N-058A-Polypropylene-Random-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	35 g/10 min	35 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	89	89	ASTM D785
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Flexural Modulus, 1% Secant	980 MPa	142000 psi	ASTM D790
Izod Impact, Notched	0.400 J/cm @Temperature 23.0 Â°C	0.749 ft-lb/in @Temperature 73.4 Â°F	ASTM D256
Gardner Impact	>= 36.0 J @Temperature 23.0 Â°C	>= 26.6 ft-lb @Temperature 73.4 Â°F	ASTM D5420
Tangent Modulus	990 MPa	144000 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	91.0 Â°C	196 Â°F	ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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