

Flint Hills P5M5R-083 Random Copolymer Polypropylene

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

Material Notes:

Features: Radiation resistant. Product does not contain animal derived components. Phthalate-free Applications: Injection molded parts.

Radiation sterilizable medical devices and lab ware Information provided by Flint Hills Resources.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Flint-Hills-P5M5R-083-Random-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	27 g/10 min	27 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	75	75	ASTM D785
Tensile Strength, Yield	26.0 MPa	3770 psi	ASTM D638
Elongation at Yield	15 %	15 %	ASTM D638
Flexural Modulus	0.759 GPa	110 ksi	ASTM D790
Izod Impact, Notched	0.480 J/cm	0.899 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	77.0 Â°C	171 Â°F	ASTM D648

Descriptive Properties	Value	Comments
FDA	21 CFR 177.1520(c) 3.1a	
USP Class VI	certified	

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