

PolyMirae Moplen EP640S Injection Molding Grade Polypropylene

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

Material Notes:

Moplen EP640S is the polypropylene block copolymer manufactured by PMC under the license of BASSELL using the Spheripol process. Moplen EP640S is a block copolymer particularly suitable for injection molding of houseware, thin wall containers, etc. Moplen EP640S resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 178.2010 for food packaging substances with adequate additives. And contains no dangerous substances according to Federal Regulations in 21 CFR 177.1520. Features: Optimized balance of stiffness and toughness; High impact strength even at low temperature; Narrow molecular weight distribution; Low warpage Applications: TWIM; Houseware; Container; Automotives Information provided by PolyMirae Company Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyMirae-Moplen-EP640S-Injection-Molding-Grade-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	40 g/10 min @Load 2.16 kg, Temperature 230 °C	40 g/10 min @Load 4.76 lb, Temperature 446 °F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	98	98	ASTM D785
Tensile Strength, Yield	27.5 MPa	3980 psi	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Flexural Modulus	1.57 GPa	228 ksi	ASTM D790
Izod Impact, Notched	0.392 J/cm @Temperature -20.0 °C	0.735 ft-lb/in @Temperature -4.00 °F	ASTM D256
	0.785 J/cm @Temperature 23.0 °C	1.47 ft-lb/in @Temperature 73.4 °F	ASTM D256

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