

PolyMirae Moplen EP640T Injection Molding Grade Polypropylene

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

Material Notes:

Moplen EP640T is the polypropylene block copolymer manufactured by PMC under the license of BASSELL using the Spheripol process.

Moplen EP640T is a block copolymer suitable for injection molding of automotive parts, parts of electrical appliances and housewares, etc.

Features: Optimized balance of stiffness and toughness; High impact strength even at low temperature; Narrow molecular weight distribution; Low warpage
Applications: TWIM; Automotives
Information provided by PolyMirae Company Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyMirae-Moplen-EP640T-Injection-Molding-Grade-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	51 g/10 min @Load 2.16 kg, Temperature 230 °C	51 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	5.0 %	5.0 %	ASTM D638
Flexural Modulus	1.67 GPa	242 ksi	ASTM D790
Izod Impact, Notched	0.294 J/cm @Temperature -20.0 °C	0.551 ft-lb/in @Temperature -4.00 °F	ASTM D256
	0.686 J/cm @Temperature 23.0 °C	1.29 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