

PolyMirae Moplen HP740T Injection Molding (Thin Wall) Grade Polypropylene

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

Material Notes:

Moplen HP740T is a nucleated polypropylene HOMO polymer manufactured by PMC under the license of BASELL using the Spheripol process. Moplen HP740T is a homopolymer selected by customers for use in thin wall injection molding for packaging, food tray. Moplen HP740T meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact. Features: Outstanding Flowability; Excellent Transparency and Gloss; High stiffness; Good transparency Applications: Food Tray; Plastic file; Drinking cup; TWIM; DVD Case Information provided by PolyMirae Company Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyMirae-Moplen-HP740T-Injection-Molding-Thin-Wall-Grade-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in ³	ASTM D1505
Melt Flow	60 g/10 min	60 g/10 min	Condition L; ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Yield	36.3 MPa	5260 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	1.77 GPa	256 ksi	ASTM D790
Izod Impact, Notched	0.226 J/cm	0.422 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °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