

PolyMirae Moplen EP340K Sheet and Thermoforming Grade Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Sheet/Thermoforming Grade

Material Notes:

Moplen RP340K is the polypropylene random copolymer polymer manufactured by PMC under the license of BASSELL using the Spheripol process. Moplen RP340K is a random copolymer particularly suitable for sheet for stationary & packaging. Moplen RP340K 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: Excellent clarity; Excellent gloss and surface appearance; Good processability; Low blooming in use; Good melt tension Applications: Transparent sheet for stationary and packaging Information provided by PolyMirae Company Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyMirae-Moplen-EP340K-Sheet-and-Thermoforming-Grade-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 °C	4.0 g/10 min @Load 4.76 lb, Temperature 446 °F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	88	88	ASTM D785
Tensile Strength, Yield	35.3 MPa	5120 psi	ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Flexural Modulus	1.38 GPa	201 ksi	ASTM D790
Izod Impact, Notched	1.47 J/cm	2.76 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	108 °C	226 °F	ASTM D648
Vicat Softening Point	135 °C	275 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

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