

## PolyMirae Moplen HP620M CPP Film Grade Polypropylene

Category : Polymer , Film , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

**Material Notes:**

Moplen HP620M is the polypropylene homopolymer manufactured by PMC under the license of BASSELL using the Spheripol process.

Moplen HP620M is suitable for rigid core resin of CPP. Moplen HP620M 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: High processability and stretchability; High transparency and Excellent gloss; Excellent stiffness and strength Applications: Metallizable CPP; Food packaging film; High stiffness packaging Information provided by PolyMirae Company Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyMirae-Moplen-HP620M-CPP-Film-Grade-Polypropylene.php](http://www.lookpolymers.com/polymer_PolyMirae-Moplen-HP620M-CPP-Film-Grade-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 g/10 min @Load 4.76 lb, Temperature 446 °F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D785
Tensile Strength, Yield	40.2 MPa	5830 psi	ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Flexural Modulus	1.77 GPa	256 ksi	ASTM D790
Izod Impact, Notched	0.392 J/cm	0.735 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °F	ASTM D648
Vicat Softening Point	159 °C	318 °F	ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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