

PolyMirae Moplen EP332C Pipe Extrusion Grade Polypropylene

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

Material Notes:

Moplen EP332C is the polypropylene block copolymer manufactured by PMC under the license of BASSELL using the Spheripol process. Moplen EP332C is a block copolymer appreciated by customers in the market for industrial sheet, and non-pressurized pipes. Moplen EP332C resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact. It is not intended for medical and pharmaceutical applications. Features: High impact and stiffness; Excellent processibility; Heat resistance Applications: Extruded industrial sheet/Non-pressurized pipe applications Information provided by PolyMirae Company Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyMirae-Moplen-EP332C-Pipe-Extrusion-Grade-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	0.35 g/10 min @Load 2.16 kg, Temperature 230 °C	0.35 g/10 min @Load 4.76 lb, Temperature 446 °F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Yield	32.4 MPa	4690 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	1.08 GPa	156 ksi	ASTM D790
Izod Impact, Notched	0.686 J/cm @Temperature -30.0 °C	1.29 ft-lb/in @Temperature -22.0 °F	ASTM D256
	NB @Temperature 23.0 °C	NB @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	150 °C	302 °F	ASTM D1525

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