

LyondellBasell Moplen EP/60 Bianco Polypropylene Copolymer

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

Material Notes:

Description: Moplen Coat EP/60 Bianco fractional melt flow, 1,200 MPa flexural modulus, extrusion grade polypropylene copolymer has a very good balance of properties and processability. Available in white precolored form, this material was designed for various extrusion coating applications. Uses: coating applications Information provided by Basell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Moplen-EP60-Bianco-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM D792
Melt Flow	0.80 g/10 min	0.80 g/10 min	Condition L; ASTM D1238
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	79	79	ASTM D 785
Tensile Strength at Break	25.0 MPa	3630 psi	ASTM D 638
Tensile Strength, Yield	28.0 MPa	4060 psi	ASTM D 638
Elongation at Break	500 %	500 %	ASTM D 638
Elongation at Yield	10 %	10 %	ASTM D 638
Flexural Modulus	1.10 GPa	160 ksi	Tangent, 0.05 in/min; ASTM D790
	1.20 GPa	174 ksi	Tangent, 0.5 in/min; ASTM D790
Izod Impact, Notched	0.529 J/cm	0.990 ft-lb/in	(-22Â°F); ASTM D256
	7.501 J/cm	14.05 ft-lb/in	73Â°F; ASTM D256

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