

LyondellBasell DP 8510M Polybutene

Category : Polymer , Thermoplastic , Polybutene

Material Notes:

Key Features: semi-crystalline high ethylene content random copolymer, miscible with polypropylenes
Applications: Hot Melt Adhesives, FDA acceptable
Meets FDA requirements in 21 CFR 175.105 for indirect food contact.
Description: Polybutene-1 DP 8510 is a semi-crystalline high ethylene content random copolymer which is miscible with polypropylenes due to its similar molecular structure. In blends with polyethylenes it is immiscible but easily dispersible. It is mainly used in Hot Melt Adhesives where a higher viscosity level and high SAFT are required. This grade is compatible with a wide variety of non-polar resins and waxes. This resin meets FDA requirements for direct food contact at temperatures up to 100Â°C under regulation 21 CFR 177.105. Information provided by Montell Polyolefins. LyondellBasell is the successor company to Montell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-DP-8510M-Polybutene.php

Physical Properties	Metric	English	Comments
Density	0.895 g/cc	0.0323 lb/inÂ³	ASTM D1505
Brookfield Viscosity	640000 cP @Temperature 117 Â°C	640000 cP @Temperature 243 Â°F	#29 Spindle
Melt Flow	45 g/10 min	45 g/10 min	ISO 1133-1981E

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	24.1 MPa	3500 psi	ISO 1184-1983E
Tensile Strength, Yield	3.74 MPa	542 psi	ISO 1184-1983E
Modulus of Elasticity	0.0517 GPa	7.50 ksi	ISO 1184-1983E

Thermal Properties	Metric	English	Comments
Melting Point	106 Â°C	223 Â°F	DSC
Vicat Softening Point	90.0 Â°C	194 Â°F	(Ring and Ball) ASTM E28
Brittleness Temperature	-34.0 Â°C	-29.2 Â°F	ASTM D746

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