

Polimeri Europa Clearflex® MP D0 Very Low Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Very Low Density Polyethylene (VLDPE)

Material Notes:

Clearflex MP D0 is a linear polyethylene, with antioxidants, characterized by a very low density (VLDPE). The resin shows an excellent balance between flexibility and impact resistance. Main Applications: Clearflex MP D0 is suitable for injection molding. Products made with Clearflex MP D0 are characterized by a high flexibility. Clearflex MP D0 is recommended for seals and gaskets, for blend with polyolefins to modify and improve impact resistance. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Clearflex-MP-D0-Very-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ISO 1183
Melt Flow	7.5 g/10 min @Load 2.16 kg, Temperature 190 °C	7.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	28	28	ISO 868/A
Tensile Strength at Break	13.0 MPa	1890 psi	ISO 527
Tensile Strength, Yield	5.00 MPa	725 psi	ISO 527
Elongation at Break	750 %	750 %	ISO 527
Flexural Modulus	0.0600 GPa	8.70 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	113 °C	235 °F	Internal method
Vicat Softening Point	60.0 °C @Load 1.00 kg	140 °F @Load 2.20 lb	ISO 306/A
Brittleness Temperature	<= -70.0 °C	<= -94.0 °F	ASTM D746

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; 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