

Unipetrol PE HD LITEN® MB/ML 57 HDPE

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

Material Notes:

Made for injection molding applications.Information provided by Unipetrol RPA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unipetrol-PE-HD-LITEN-MBML-57-HDPE.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ISO 1183
Melt Flow	4.5 g/10 min	4.5 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	57	57	ISO 868
Tensile Strength, Yield	23.0 MPa	3340 psi	ISO 527
Elongation at Yield	10 %	10 %	ISO 527
Flexural Modulus	0.800 GPa	116 ksi	ISO 178
Charpy Impact, Notched	1.00 J/cm ²	4.76 ft-lb/in ²	ISO 179
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	126 °C	259 °F	ISO 306

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