

Unipetrol PE HD LITEN® LS 87 HDPE

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

Material Notes:

Made for special applicationsInformation provided by Unipetrol RPA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unipetrol-PE-HD-LITEN-LS-87-HDPE.php

Physical Properties	Metric	English	Comments
Density	0.956 g/cc	0.0345 lb/in ³	ISO 1183
Melt Flow	25 g/10 min	25 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	56	56	ISO 868
Tensile Strength, Yield	22.0 MPa	3190 psi	ISO 527
Elongation at Yield	10 %	10 %	ISO 527
Flexural Modulus	0.900 GPa	131 ksi	ISO 178
Charpy Impact, Notched	0.300 J/cm ²	1.43 ft-lb/in ²	ISO 179
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	123 °C	253 °F	ISO 306

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