

**Unipetrol PE HD LITEN® MB/ML 47 HDPE**

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

**Material Notes:**

Made for injection molding and special applications Information provided by Unipetrol RPA

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Unipetrol-PE-HD-LITEN-MBML-47-HDPE.php](http://www.lookpolymers.com/polymer_Unipetrol-PE-HD-LITEN-MBML-47-HDPE.php)

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in <sup>3</sup>	ISO 1183
Melt Flow	2.6 g/10 min	2.6 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	9.0 g/10 min	9.0 g/10 min	ISO 1133
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	57	57	ISO 868
Tensile Strength, Yield	21.0 MPa	3050 psi	ISO 527
Elongation at Yield	10 %	10 %	ISO 527
Flexural Modulus	0.800 GPa	116 ksi	ISO 178
Charpy Impact, Notched	0.600 J/cm <sup>2</sup>	2.86 ft-lb/in <sup>2</sup>	ISO 179
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	1.20 J/cm <sup>2</sup>	5.71 ft-lb/in <sup>2</sup>	ISO 179
	@Temperature 23.0 °C	@Temperature 73.4 °F	

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

**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