

## Unipetrol PE HD LITEN® VL 29 HDPE

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

### Material Notes:

Extrusion and pipe applications. Information provided by Unipetrol RPA

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Unipetrol-PE-HD-LITEN-VL-29-HDPE.php](http://www.lookpolymers.com/polymer_Unipetrol-PE-HD-LITEN-VL-29-HDPE.php)

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in <sup>3</sup>	ISO 1183
ESCR 100% Igepal®	>= 1000 hour @Temperature 50.0 °C	>= 1000 hour @Temperature 122 °F	ASTM D1693
Carbon Black Loading	2.4 %	2.4 %	ISO 6469
Melt Flow	0.10 g/10 min @Load 2.16 kg, Temperature 190 °C	0.10 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133
	0.60 g/10 min @Load 2.16 kg, Temperature 190 °C	0.60 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133
	15 g/10 min @Load 2.16 kg, Temperature 190 °C	15 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	58	58	ISO 868
Tensile Strength, Yield	18.0 MPa	2610 psi	ISO 527
Elongation at Yield	7.0 %	7.0 %	ISO 527
Flexural Modulus	0.700 GPa	102 ksi	ISO 178
Charpy Impact, Notched	0.110 J/cm <sup>2</sup> @Temperature 23.0 °C	0.524 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179
	0.350 J/cm <sup>2</sup> @Temperature -30.0 °C	1.67 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	ISO 179

Thermal Properties	Metric	English	Comments
Vicat Softening Point	116 °C	241 °F	ISO 306

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**