

## LG Chemical LUTENE-H ME9180 HDPE

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

**Material Notes:**

Description: LUTENE-H ME9180 is mainly intended for injection molding of complicated parts. It has high productivity and good appearance. Applications: Complicated parts, light-weight household. CAS No. 9002-88-4 Information provided by LG Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LG-Chemical-LUTENE-H-ME9180-HDPE.php](http://www.lookpolymers.com/polymer_LG-Chemical-LUTENE-H-ME9180-HDPE.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.958 g/cc	0.958 g/cc	ASTM D1505
Melt Flow	18 g/10 min @Load 2.16 kg, Temperature 190 °C	18 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	64	64	ASTM D2240
Tensile Strength, Yield	28.4 MPa	4120 psi	ASTM D638
Elongation at Break	>= 1000 %	>= 1000 %	ASTM D638
Flexural Modulus	0.981 GPa	142 ksi	ASTM D790
Izod Impact, Notched	0.392 J/cm @Temperature 23.0 °C	0.735 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Crystallization Temperature	133 °C	271 °F	Melting; DSC
Vicat Softening Point	123 °C	253 °F	ASTM D1525
Shrinkage	1.5 - 5.0 %	1.5 - 5.0 %	Depending on the processing conditions

## Contact Songhan Plastic Technology Co.,Ltd.

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