

LG Chemical LUTENE-H PE0235 HDPE

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

Material Notes:

Description: LUTENE-H PE0235 is a materials with high toughness and rigidity suitable for cable protection It has very high resistance to stress cracking and long-term internal pressure creep property.Applications: Cable protection pipeCAS No. 9002-88-4Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-LUTENE-H-PE0235-HDPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.952 g/cc	0.952 g/cc	ASTM D1505
Environmental Stress Crack Resistance	>= 200 hour	>= 200 hour	F50; ASTM D1693
Melt Flow	0.25 g/10 min @Load 2.16 kg, Temperature 190 Â°C	0.25 g/10 min @Load 4.76 lb, Temperature 374 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	63	63	ASTM D2240
Tensile Strength, Yield	23.5 MPa	3410 psi	ASTM D638
Elongation at Break	>= 900 %	>= 900 %	ASTM D638
Flexural Modulus	1.08 GPa	156 ksi	ASTM D790
Izod Impact, Notched	1.96 J/cm @Temperature 23.0 Â°C	3.67 ft-lb/in @Temperature 73.4 Â°F	ASTM D256

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