

Reliance Industries Relene D16501 Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Relene D16501 is a UV stabilized High Density Polyethylene compound with broad molecular weight distributions, suitable for producing cable duct for optic fiber and other general purpose cables. The compound offers good processing characteristics, improved melt strength and can withstand outdoor exposure of more then 12 months. Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Relene-D16501-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.948 g/cc	0.0342 lb/in ³	ASTM D1505
Oxidative Induction Time (OIT)	>= 50 min	>= 50 min	ASTM D3895
Melt Flow	0.30 g/10 min @Load 2.16 kg	0.30 g/10 min @Load 4.76 lb	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.0 MPa	3190 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Flexural Modulus	0.900 GPa	131 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	125 °C	257 °F	ASTM D1525

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