

Reliance Industries Relene B31101 Polyethylene

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

Material Notes:

Steel pipe coating base High Density Polyethylene resin. Characteristics:broad molecular weight distribution, good melting strength, excellent toughness/ESCR, and good cut through/abrasion resistance. Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Relene-B31101-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.943 g/cc	0.0341 lb/in ³	ASTM D1505
Environmental Stress Crack Resistance	>= 400 hour	>= 400 hour	F₀; ASTM D1693/B
Oxidative Induction Time (OIT)	>= 20 min	>= 20 min	ASTM D3895
Melt Flow	0.28 g/10 min @Load 2.16 kg	0.28 g/10 min @Load 4.76 lb	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength, Yield	20.0 MPa	2900 psi	ASTM D638
Elongation at Break	800 %	800 %	ASTM D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	122 °C	252 °F	ASTM D1525

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+17 ohm-cm	1.00e+17 ohm-cm	ASTM D257
Dielectric Constant	2.25	2.25	ASTM D150
Dissipation Factor	0.000040	0.000040	ASTM D150

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