

Reliance Industries Relene S42005 Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Wire and cable High Density Polyethylene grade. Characteristics: excellent processing, superior physical/electrical properties, good environmental stress crack resistance. Applications: recommended for use as base resin for sheathing/jacketing in jelly filled telecommunication cables. Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Relene-S42005-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.942 g/cc	0.0340 lb/in ³	ASTM D1505
Environmental Stress Crack Resistance	>= 500 hour	>= 500 hour	F₀; ASTM D1693/B
Melt Flow	0.55 g/10 min @Load 2.16 kg	0.55 g/10 min @Load 4.76 lb	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.0 MPa	2900 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Flexural Modulus	0.600 GPa	87.0 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Softening Point	118 °C	244 °F	ASTM D1525

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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