

Borealis LR4201L Polyethylene Insulation Compound, Crosslinkable

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

LR4201L is a natural low-density crosslinkable polyethylene compound. Application: LR4201L is designed as insulation compound for low voltage power cables. Specifications: IEC 60502 ANSI/ICEA S-66-524. Information provided by Borealis AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-LR4201L-Polyethylene-Insulation-Compound-Crosslinkable.php

Physical Properties	Metric	English	Comments
Density	0.923 g/cc	0.0333 lb/in ³	ASTM D792
Melt Flow	2.2 g/10 min @Load 2.16 kg, Temperature 190 °C	2.2 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Elongation at Break	400 %	400 %	ASTM D638

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+6 ohm-cm	1.00e+6 ohm-cm	DC; ASTM D257
Dielectric Constant	2.3 @Frequency 50000 Hz	2.3 @Frequency 50000 Hz	ASTM D150
Dielectric Strength	>= 21.0 kV/mm @Frequency 50.0 Hz	>= 533 kV/in @Frequency 50.0 Hz	ASTM D149
Dissipation Factor	0.00050	0.00050	ASTM D150

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	

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