NOVA Chemicals Novapol® LF-0222-A LDPE Wire and Cable Resin (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Wire/Cable Grade

Material Notes:

NOVA Chemicals NOVAPOL® LF-0222-A is a medium molecular weight low density polyethylene. Resin consistency and purity are very high which make it suitable as a base resin in Wire and Cable applications such as medium and high voltage cross-linked coatings and sheaths.LF-0222-A contains minimal antioxidant levels and therefore must be supplemental as required by Industry Specifications for the intended product.Information provided by Nova Chemicals

Order this product through the following link:
http://www.lookpolymers.com/polymer_NOVA-Chemicals-Novapol-LF-0222-A-LDPE-Wire-and-Cable-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.923 g/cc	0.0333 lb/in³	Pellet; 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
Hardness, Shore D	49	49	ASTM D2240
Tensile Strength, Ultimate	9.70 MPa	1410 psi	ASTM D638
Tensile Strength, Yield	10.3 MPa	1490 psi	ASTM D638
Elongation at Break	600 %	600 %	ASTM D638
Secant Modulus	0.193 GPa	28.0 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	110 °C	230 °F	NOVA
Vicat Softening Point	92.0 °C	198 °F	ASTM D1525
Brittleness Temperature	<= -70.0 °C	<= -94.0 °F	ASTM D746

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+18 ohm-cm	1.00e+18 ohm-cm	ASTM D257
Dielectric Constant	2.28 @Frequency 1e+6 Hz	2.28 @Frequency 1e+6 Hz	ASTM D1531
	0.00010	0.00010	

Electrical Properties	Metric	English	Comments
Dissipation Factor	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	ASTM D1531

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