

ExxonMobil Escorene® LD-421 LDPE Power Cable Insulation (discontinued **)

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

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A crosslinkable polyethylene homopolymer designed as an electrical grade base resin. Applications: A base resin for fully formulated crosslinkable medium voltage cable insulation compounds.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-421-LDPE-Power-Cable-Insulation-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 lb/in ³	Exxon Method
Environmental Stress Crack Resistance	<= 2.0 hour	<= 2.0 hour	F50, Condition A; ASTM D-1693
Melt Flow	2.3 g/10 min	2.3 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	53	53	ASTM D2240
Tensile Strength, Ultimate	9.50 MPa	1380 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Flexural Modulus	0.230 GPa	33.4 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	108 °C	226 °F	Exxon Method
Brittleness Temperature	<= -76.0 °C	<= -105 °F	ASTM D746

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.1	2.1	ASTM D150
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dielectric Strength	>= 19.7 kV/mm	>= 500 kV/in	ASTM D149
	@Thickness 3.17 mm	@Thickness 0.125 in	
Dissipation Factor	0.00010	0.00010	ASTM D150
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

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