

DuPont Elvax® 40L-03 High Temperature Ignition Cable Jacket Formulation (discontinued **)

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Elvax® 40L-03 high temperature ignition cable jacket. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvax-40L-03-High-Temperature-Ignition-Cable-Jacket-Formulation-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Mooney Viscosity	17 @Temperature 100 °C	17 @Temperature 212 °F	ML 1 + 4; ASTM D1646

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Tensile Strength at Break	9.40 MPa	1360 psi	ASTM D412
	9.40 MPa	1360 psi	After 7 days/150°C air oven, ASTM D573
	9.96 MPa	1440 psi	After 72hr/177°C air oven, ASTM D573
	6.58 MPa @Treatment Temp. 121 °C, Time 64800 sec	954 psi @Treatment Temp. 250 °F, Time 18.0 hour	in ASTM #2 Oil
Elongation at Break	331.2 %	331.2 %	After 72hr/177°C air oven; ASTM D573
	342 %	342 %	After 7 days/150°C air oven; ASTM D573
	360 %	360 %	ASTM D412
	216 % @Treatment Temp. 121 °C, Time 64800 sec	216 % @Treatment Temp. 250 °F, Time 18.0 hour	in ASTM #2 Oil
Tear Strength	6.20 kN/m	35.4 pli	ASTM D470

Electrical Properties	Metric	English	Comments
Dielectric Strength	14.5 kV/mm	368 kV/in	ASTM D149

Descriptive Properties	Value	Comments
a,a'-bis [t-butylperoxy] diisopropylbenzene	2.5 phr	
DLTDP	1 phr	
Elvax® 40L-03	100 phr	
HVA-2	1 phr	
Hydrated Alumina	75-90 phr	
Irganox 1010	2 phr	
Silquest A-172	1 phr	
SRF Carbon Black	0-3 phr	
Stearic Acid	1 phr	

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