

ExxonMobil™ LLDPE LL 4004EL Wire&Cable;

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 4004EL is a C4 Ziegler-Natta linear low density polyethylene, especially developed for the production of low-voltage cable insulators using one-step or two-step silane crosslinking process. Insufficient amounts of antioxidants and copper inhibitors should be added to make the product meet specific aging requirements.

General Information			
Additive	heat stabilizer		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	52		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	16.0	MPa	ASTM D638
Fracture	11.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	14	%	ASTM D638
Fracture	610	%	ASTM D638
Flexural Modulus - 1% Secant	440	MPa	ASTM D790
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+16	ohms·cm	ASTM D257
Dielectric Constant (60 Hz)	2.30		ASTM D150
Dissipation Factor (60 Hz)	< 4.0E-4		ASTM D150
Legal statement			

有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用

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