

ExxonMobil™ LDPE LD 157CW Wire & Cable

Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LD 157CW is a medium density low density polyethylene, which is recommended to be used in low voltage cable insulators manufactured by one-step silane crosslinking process. This brand has a high antioxidant content. A sufficient amount of copper inhibitor should be added to meet specific anti-aging requirements.

General Information			
Additive	heat stabilizer		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.64	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	53		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	14.0	MPa	ASTM D638
Fracture	13.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	17	%	ASTM D638
Fracture	380	%	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	2.30		ASTM D150
Dissipation Factor	< 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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