

ExxonMobil™ LDPE LD 100BW Wire & Cable

Low Density Polyethylene Resin
ExxonMobil Chemical

Message:

LD 100BW is a low-density polyethylene containing low-antioxidant components, suitable for low-and medium-pressure cross-linked insulators produced by one-step or two-step silane processes. Through internal granulation, it can be used for medium-pressure insulators cross-linked with peroxides. Insufficient amounts of antioxidants and copper inhibitors should be added to make the product 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)	2.1	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	11.0	MPa	ASTM D638
Fracture	13.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	16	%	ASTM D638
Fracture	490	%	ASTM D638
Flexural Modulus - 1% Secant	290	MPa	ASTM D790
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	6.6E+16	ohms·cm	ASTM D257
Dielectric Constant	2.18		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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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