

# ExxonMobil™ LDPE LD 101BA Wire & Cable

Low Density Polyethylene Resin

ExxonMobil Chemical

## Message:

LD 101BA for wires and cables is a non-stable low density polyethylene used to produce medium/high voltage insulators using a process that directly adds peroxide. For cleaning reasons, an online light control system is specially used to control this material. Adequately sufficient antioxidants should be added to make the product meet the aging requirements.

General Information			
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	13.0	MPa	ASTM D638
Fracture	11.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	16	%	ASTM D638
Fracture	570	%	ASTM D638
Flexural Modulus - 1% Secant	290	MPa	ASTM D790
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	7.6E+16	ohms·cm	ASTM D257
Dielectric Constant	2.17		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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## Recommended distributors for this material

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