

ExxonMobil™ LLDPE LL 1002YB Wire & Cable

Linear Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

LL 1002YB is a C4 Ziegler-Natta linear low density polyethylene for low voltage cables and telecommunications sheaths. This brand has high antioxidant content and excellent environmental stress cracking resistance. Carbon black or ultraviolet stabilizer should be added to make the product conform to the cable sheath specification.

General Information			
Additive	heat stabilizer		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	48		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	12.0	MPa	ASTM D638
Fracture	17.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	16	%	ASTM D638
Fracture	700	%	ASTM D638
Flexural Modulus - 1% Secant	300	MPa	ASTM D790
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+16	ohms·cm	ASTM D257
Dielectric Constant (60 Hz)	2.17		ASTM D150
Dissipation Factor (60 Hz)	< 1.0E-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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