

ExxonMobil™ LLDPE LL 1004YB Wire & Cable

Linear Low Density Polyethylene Resin

Product Description

LL 1004YB is a C4 Ziegler Natta LLDPE, especially designed for Low Voltage power cable insulation, using the two-step silane cross-linking process. The grade contains a higher level of antioxidants and has excellent Environmental Stress Crack Resistance (ESCR). Sufficient Cu-inhibitor should be added to meet specific ageing requirements for insulation. For jacketing applications, addition of Carbon Black or UV stabilizer is required.

	• Thermal St	abilizer: Yes
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al Value	(SI)	Test Based On
0.918	g/cm³	ExxonMobil Method
2.8	g/10 min	ASTM D1238
120	°C	ExxonMobil Method
al Value	(CI)	Test Based On
	, ,	
		ASTM D638
		ASTM D638
		ASTM D638
690	%	ASTM D638
310	MPa	ASTM D790
47		ASTM D2240
al Value	(SI)	Test Based On
.0E+16	ohms·cm	ASTM D257
2.2		ASTM D150
< 4E-4		ASTM D150
	0.918 2.8 120 12 14 20 690 310 47 al Value 1.0E+16 2.2	al Value (SI) .0E+16 ohms·cm 2.2



