

ExxonMobil™ LLDPE LL 6101 Series Wire & Cable

Linear Low Density Polyethylene Resin

Product Description

LL 6101 resins are C4 Ziegler Natta LLDPE recommended for various compounding applications.

General

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| Additive | <ul style="list-style-type: none"> LL 6101RQ Wire & Cable: Antiblock: No; Thermal Stabilizer: Yes LL 6101XR Wire & Cable: Antiblock: No; Thermal Stabilizer: Yes LL 6101XR: Slip: No LL 6101RQ: Slip: No |
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| Applications | <ul style="list-style-type: none"> Cable compound applications LV silane cross-linkable insulation - 1 step process Masterbatch Base Resin |
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Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.924 g/cm ³	0.924 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	20 g/10 min	20 g/10 min	ASTM D1238
Peak Melting Temperature	252 °F	122 °C	ExxonMobil Method

Electrical	Typical Value (English)	Typical Value (SI)	Test Based On
Volume Resistivity	6.3E+16 ohms·cm	6.3E+16 ohms·cm	ASTM D257
Dielectric Constant (60 Hz)	2.2	2.2	ASTM D150
Dissipation Factor (60 Hz)	2E-4	2E-4	ASTM D150

