

ExxonMobil™ LLDPE LL 6301 Series Wire & Cable

Linear Low Density Polyethylene Resin

Product Description

LL 6301 resins are C4 Ziegler Natta LLDPE recommended for various compounding applications.

General

Additive	- LL 6301XR Wire & Cable: Antiblock: No; Slip: No; Thermal Stabilizer: Yes - LL 6301RQ Wire & Cable: Antiblock: No; Slip: No; Thermal Stabilizer: Yes
Applications	- Cable compound applications - LV silane cross-linkable insulation - 1 step process - Masterbatch Base Resin
Form(s)	Pellets

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.936 g/cm ³	0.936 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	5.0 g/10 min	5.0 g/10 min	ASTM D1238
Peak Melting Temperature	257 °F	125 °C	ExxonMobil Method

Electrical	Typical Value (English)	Typical Value (SI)	Test Based On
Volume Resistivity	6.9E+16 ohms·cm	6.9E+16 ohms·cm	ASTM D257
Dielectric Constant (60 Hz)	2.1	2.1	ASTM D150
Dissipation Factor (60 Hz)	2E-4	2E-4	ASTM D150

