

ExxonMobil LLDPE LL 6101RQ Wire & Cable Linear Low Density Polyethylene Resin (European Grade)

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE

Material Notes:

Product Description: LL 6101 is a C4 Ziegler Natta LLDPE recommended for various compounding applications. Availability: Africa & Middle East, Asia Pacific and Europe Additive: Antiblock: No Thermal Stabilizer: Yes Applications: Cable compound applicationsLV silane cross-linkable insulation – 1 step processMasterbatch Base ResinInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LLDPE-LL-6101RQ-Wire-Cable-Linear-Low-Density-Polyethylene-Resin-European-Grade.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in ³	ExxonMobil method
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 190 °C	20 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Thermal Properties	Metric	English	Comments
Melting Point	<= 253 °C	<= 487 °F	Peak Melting Point; ExxonMobil method

Electrical Properties	Metric	English	Comments
Volume Resistivity	7.00e+15 ohm-cm	7.00e+15 ohm-cm	ASTM D257
Dielectric Constant	2.1 @Frequency 60.0 Hz	2.1 @Frequency 60.0 Hz	ASMT D150
Dielectric Strength	59.1 kV/mm	1500 kV/in	500 V/sec; ASTM D149
Dissipation Factor	0.00050 @Frequency 60.0 Hz	0.00050 @Frequency 60.0 Hz	ASMT D150

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