

ExxonMobil™ LLDPE LL 6201 Series Wire & Cable

Linear Low Density Polyethylene Resin

Product Description

ExxonMobil™ LL 6201 Series are ethylene 1-butene Ziegler Natta linear low density polyethylene resins recommended for various compounding applications.

General

| | |
|---------------------------|--|
| Availability ¹ | <ul style="list-style-type: none"> Africa & Middle East Asia Pacific Europe |
| Additive | <ul style="list-style-type: none"> LL 6201RQ Wire & Cable: Antiblock: No; Slip: No; Thermal Stabilizer: Yes LL 6201XR Wire & Cable: Antiblock: No; Slip: No; Thermal Stabilizer: Yes |
| Applications | <ul style="list-style-type: none"> Cable compound applications Masterbatch Base Resin |
| Form(s) | <ul style="list-style-type: none"> LL 6201XR Wire & Cable: Pellets LL 6201RQ Wire & Cable: Powder |
| Revision Date | <ul style="list-style-type: none"> 06/01/2019 |

Resin Properties

| | Typical Value (English) | Typical Value (SI) | Test Based On |
|----------------------------|-------------------------|-------------------------|-------------------|
| Density | 0.926 g/cm ³ | 0.926 g/cm ³ | ASTM D1505 |
| Melt Index (190°C/2.16 kg) | 50 g/10 min | 50 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 (500 V) | 7.8E+14 ohms·m | 7.8E+14 ohms·m | IEC 62631-3-1 |
| Relative Permittivity (50 Hz) | 2.20 | 2.20 | IEC 62631-2-1 |
| Dissipation Factor (50 Hz) | 2.8E-4 | 2.8E-4 | IEC 62631-2-1 |

Legal Statement

This product is not intended for use in medical applications and should not be used in any such applications.

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

Processing Statement

Specimens were compression molded in accordance with ASTM D4703. The value listed as Density, ASTM D1505, was tested in accordance with EMC test methods.

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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