

ExxonMobil LLDPE

Polyethylene for Wire & Cable applications

LL 6201XR LL 6201RQ*

Product description

LL 6201XR/RQ is a C4 Ziegler Natta LLDPE recommended for compounding applications.

* RQ indicates powder form

Physical properties

| Resin properties | Test Method (based on) | Unit | Typical Value |
|-----------------------------------|---------------------------|-------------------|----------------------|
| Melt index | ASTM D 1238 | g/10 min | 50 |
| Density | ASTM D1928 / D4883 | g/cm ³ | 0.926 |
| Melting point (DSC) | ASTM D 3418 | °C | 121 |
| Crystallisation point (DSC) | ASTM D 3418 | °C | 106 |
| Shore D | ASTM D 2240 | | 48 |
| Volume resistivity (*) | ASTM D257 | Ohm.cm | > 10 ¹⁶ |
| Dielectric constant (50 Hz) (*) | ASTM D150 | | 2.3 |
| Dissipation factor (50 Hz) (*) | ASTM D150 | | < 3.10 ⁻⁴ |

(*) under following conditions 25°C, 50% RH