

# 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<br>(based on) | Unit              | Typical Value        |
|-----------------------------------|---------------------------|-------------------|----------------------|
| Melt index                        | ASTM D 1238               | g/10 min          | 50                   |
| Density                           | ASTM D1928 / D4883        | g/cm <sup>3</sup> | 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 <sup>16</sup>   |
| Dielectric constant ( 50 Hz ) (*) | ASTM D150                 |                   | 2.3                  |
| Dissipation factor ( 50 Hz ) (*)  | ASTM D150                 |                   | < 3.10 <sup>-4</sup> |

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