

## Technical Data Sheet

### *Icorene* N2308-1000 NATXX



Linear Low Density Polyethylene

#### Product Description

*Icorene* N2308 is a linear low density polyethylene produced by slurry loop low pressure process with hexene as co-monomer. This grade contains antioxidant stabilizers and has excellent mechanical properties and can be used alone, or blended or co-extruded in a wide variety of blown film applications.

|                   |                         |
|-------------------|-------------------------|
| Processing Method | Cast Film               |
| Attribute         | Good Processability     |
| Forms             | Powder                  |
| Additive          | Antioxidant             |
| Application       | Blown Film; Masterbatch |

| Typical Properties                   | Nominal Value | Units             | Test Method |
|--------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                      |               |                   |             |
| Melt Flow Rate, (190 °C/2.16 kg)     | 0.15          | g/10 min          | ASTM D1238  |
| Density                              | 0.934         | g/cm <sup>3</sup> | ASTM D1505  |
| <b>Mechanical</b>                    |               |                   |             |
| Tensile Stress at Yield, (0.0200 mm) | 19.0          | MPa               | ISO 527-3   |
| Tensile Strain at Break, (0.0200 mm) | 500           | %                 | ISO 527-3   |
| Flexural Modulus                     | 620           | MPa               | ISO 178     |
| Tensile Stress at Break, (0.0200 mm) | 52.0          | MPa               | ISO 527-3   |
| <b>Thermal</b>                       |               |                   |             |
| Peak Melting Temperature             | 125           | °C                | ASTM D3418  |