

(+) 18816996168

Ponciplastics.com

## Technical Data Sheet

### *Icorene* N2302-800 NAT0000XX



Linear Low Density Polyethylene

#### Product Description

*Icorene* N2302 is a premium linear low density polyethylene powder offers a unique combination of excellent processability and outstanding product properties. This grade is recommended for injection moulding masterbatch where high filler acceptance is required, combined with a good flow.

|                    |   |
|--------------------|---|
| <b>Attribute</b>   | Good Flow; Good Processability; Heat Stabilized |
| <b>Forms</b>       | Powder  |
| <b>Additive</b>    | Heat Stabilizer                                 |
| <b>Application</b> | Masterbatch                                     |

| <b>Typical Properties</b>        | <b>Nominal Value</b> | <b>Units</b>      | <b>Test Method</b> |
|----------------------------------|----------------------|-------------------|--------------------|
| <b>Physical</b>                  |                      |                   |                    |
| Melt Flow Rate, (190 °C/2.16 kg) | 50                   | g/10 min          | ASTM D1238         |
| Density                          | 0.926                | g/cm <sup>3</sup> | ASTM D1505         |
| <b>Mechanical</b>                |                      |                   |                    |
| Tensile Strength at Yield        | 12                   | MPa               | ASTM D638          |
| Tensile Elongation at Break      | 120                  | %                 | ASTM D638          |
| <b>Hardness</b>                  |                      |                   |                    |
| Durometer Hardness, (Shore D)    | 55                   |                   | ASTM D2240         |
| <b>Thermal</b>                   |                      |                   |                    |
| Vicat Softening Temperature      | 88                   | °C                | ASTM D1525         |
| Peak Melting Temperature         | 123                  | °C                | ASTM D3418         |