

## Technical Data Sheet

### *Icorene* N2301-800 NAT0000XX



Linear Low Density Polyethylene

#### Product Description

*Icorene* N2301 is a premium linear low density polyethylene which offers excellent stiffness and good environmental stress crack resistance. This grade is mainly used for masterbatch applications.

<b>Attribute</b>	Good Stiffness; Heat Stabilized; High ESCR (Environmental Stress Cracking Resistance)
<b>Forms</b>	Powder
<b>Additive</b>	Heat Stabilizer
<b>Application</b>	Masterbatch

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (190 °C/2.16 kg)	20	g/10 min	ASTM D1238
Density	0.924	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Tensile Strength at Yield	12	MPa	ASTM D638
Environmental Stress Crack Resistance, (10% Igepal, 50 °C)	30.0	hr	ASTM D1693
Tensile Elongation at Break	150	%	ASTM D638
<b>Hardness</b>			
Durometer Hardness, (Shore D)	55		ASTM D2240
<b>Thermal</b>			
Vicat Softening Temperature	94	°C	ASTM D1525
Peak Melting Temperature	123	°C	ASTM D3418