

## 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.

<b>Processing Method</b>	Cast Film
<b>Attribute</b>	Good Processability
<b>Forms</b>	Powder
<b>Additive</b>	Antioxidant
<b>Application</b>	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