

**Technical Data Sheet**

***Icorene* N2112-1000 NAT**



Low Density Polyethylene

**Product Description**

*Icorene* N2110 is a low density polyethylene grade free from additives. This grade is suitable for use in masterbatch applications.

<b>Processing Method</b>	Compounding Extrusion
<b>Attribute</b>	Good Flow; Good Stiffness; Good Toughness
<b>Forms</b>	Powder
<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)	7.5	g/10 min	ASTM D1238
Density	0.92	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Tensile Elongation at Break	550	%	ASTM D638
Tensile Modulus	170	MPa	ASTM D638
<b>Hardness</b>			
Durometer Hardness, (Shore D)	47		ASTM D2240
<b>Thermal</b>			
Vicat Softening Temperature	87	°C	ASTM D1525
Peak Melting Temperature	108	°C	ASTM D3418