

## Technical Data Sheet

# Icorene N2104

Low Density Polyethylene  
LyondellBasell Industries  
Custom Powders

### Product Description

ICORENE® N2104 is a low density polyethylene resin suitable for general purposes.

This grade is characterized by good toughness, stiffness and processability. It is successfully used for injection moulding, compound and masterbatch applications.

### General

Features	<ul style="list-style-type: none"> <li>General Purpose</li> <li>Good Processability</li> </ul>	<ul style="list-style-type: none"> <li>Good Stiffness</li> <li>Good Toughness</li> </ul>
Uses	<ul style="list-style-type: none"> <li>Compounding</li> </ul>	<ul style="list-style-type: none"> <li>Masterbatch</li> </ul>
Agency Ratings	<ul style="list-style-type: none"> <li>EU Food Contact</li> </ul>	<ul style="list-style-type: none"> <li>FDA Food Contact</li> </ul>
Forms	<ul style="list-style-type: none"> <li>Powder</li> </ul>	
Processing Method	<ul style="list-style-type: none"> <li>Compounding Extrusion</li> </ul>	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.920 g/cm <sup>3</sup>	0.920 g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	7.5 g/10 min	7.5 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	1310 psi	9.00 MPa	ASTM D638
Tensile Elongation (Break)	500 %	500 %	ASTM D638
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	190 °F	88.0 °C	ASTM D1525
Peak Melting Temperature	223 °F	106 °C	ASTM D3418

### Notes

These are typical property values not to be construed as specification limits.