

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	- General Purpose - Good Processability	- Good Stiffness - Good Toughness
Uses	Compounding	Masterbatch
Agency Ratings	EU Food Contact	FDA Food Contact
Forms	Powder	
Processing Method	Compounding Extrusion	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.920 g/cm³	0.920 g/cm³	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.