

Technical Data Sheet

Icorene N2112

Low Density Polyethylene
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® N2110 is a low density polyethylene grade free from additives.

This grade is suitable for use in masterbatch applications.

General

Features	• Good Flow	• Good Stiffness	• Good Toughness
Uses	• 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/cm ³	0.920 g/cm ³	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 Modulus	24700 psi	170 MPa	ASTM D638
Tensile Elongation (Break)	550 %	550 %	ASTM D638
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	47	47	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	189 °F	87.0 °C	ASTM D1525
Peak Melting Temperature	226 °F	108 °C	ASTM D3418

Notes

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