

Technical Data Sheet

Icorene N2220

Low Density Polyethylene
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® N2220 is a low density polyethylene resin with a high flow and very good flexibility.

This grade is mainly used for compound and masterbatch applications.

General

Features	• Good Flexibility	• High Flow
Uses	• Compounding	• Masterbatch
Agency Ratings	• EU Food Contact	• FDA Food Contact
Forms	• Powder	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.915 g/cm ³	0.915 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	200 g/10 min	200 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	1160 psi	8.00 MPa	ASTM D638
Flexural Modulus	14500 psi	100 MPa	ASTM D790
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	43	43	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	162 °F	72.0 °C	ASTM D1525
Peak Melting Temperature	216 °F	102 °C	ASTM D3418

Notes

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