

Technical Data Sheet

Icorene N2140

Low Density Polyethylene
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® N2140 is a low density polyethylene resin with an excellent fluidity.

This grade is used for compound and masterbatch applications.

General

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

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.919 g/cm ³	0.919 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	40 g/10 min	40 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	1600 psi	11.0 MPa	ASTM D638
Flexural Modulus	17400 psi	120 MPa	ASTM D790
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	46	46	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	176 °F	80.0 °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.