

Technical Data Sheet

Icorene N2302

Linear Low Density Polyethylene
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® N2302 is a premium linear low density polyethylene powder offers a unique combination of excellent processability and outstanding product properties.

This grade is recommended for injection moulding masterbatch where high filler acceptance is required, combined with a good flow.

General

Additive	• Heat Stabilizer		
Features	• Good Flow	• Good Processability	• Heat Stabilized
Uses	• Masterbatch		
Agency Ratings	• EU Food Contact	• FDA Food Contact	
Forms	• Powder		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.926 g/cm ³	0.926 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	50 g/10 min	50 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	1740 psi	12.0 MPa	ASTM D638
Tensile Elongation (Break)	120 %	120 %	ASTM D638
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	55	55	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	190 °F	88.0 °C	ASTM D1525
Peak Melting Temperature	253 °F	123 °C	ASTM D3418

Notes

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