

Technical Data Sheet

**Icorene N2309**

Linear Low Density Polyethylene
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® N2309 is a premium quality adhesion modified linear low density polyethylene suitable for general purpose use.

This grade is mainly used for masterbatch applications.

General

Material Status	• Commercial: Active
Availability	• Europe
Features	• Good Adhesion • Good Processability
Uses	• Masterbatch
Forms	• Powder

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.930 g/cm ³	0.930 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	24 g/10 min	24 g/10 min	ASTM D1238
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	217 °F	103 °C	ISO 306 ¹
Peak Melting Temperature	255 °F	124 °C	ISO 11357-1, -2, -3

Notes

¹ Rate A (50°C/h), Loading 1 (10 N)

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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