

Technical Data Sheet

**Icorene N2215**

Low Density Polyethylene
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® N2215 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

Material Status	• Commercial: Active	
Availability	• Europe	
Features	• Good Flexibility	• High Flow
Uses	• Compounding	• Masterbatch
Forms	• Powder	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.913 g/cm ³	0.913 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	150 g/10 min	150 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	870 psi	6.00 MPa	ASTM D638
Tensile Elongation (Break)	170 %	170 %	ASTM D638
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	35	35	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	162 °F	72.0 °C	ASTM D1525
Peak Melting Temperature	210 °F	99.0 °C	ASTM D3418

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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