

Technical Data Sheet

**Icorene N2231**

Low Density Polyethylene
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® N2231 is a low density polyethylene based compounded resin blend which contains additives to reduce the level of expected warpage across the carpet.

This grade is used for special applications, in particular as carpet backing powder.

General

Material Status	• Experimental: Active		
Availability	• Europe		
Features	• Good Processability	• High Flow	• Low Warpage
Uses	• Carpet Backing		
Forms	• Powder		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.02 g/cm ³	1.02 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
Flexural Modulus	26100 psi	180 MPa	ASTM D790
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	> 40	> 40	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Peak Melting Temperature	216 °F	102 °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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