

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			
Features	• Good Processability	• High Flow	• Low Warpage
Uses	• Carpet Backing		
Agency Ratings	• EU Food Contact	• FDA Food Contact	
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.