Technical Data Sheet

Icorene N2231-500 NAT

Low Density Polyethylene

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.

Regulatory Status

For regulatory compliance information, see *Icorene* N2231-500 NAT Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Developmental
Availability	Europe
Attribute	Good Processability; High Flow; Low Warpage
Forms	Powder
Application	Carpet Backing

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	50	g/10 min	ASTM D1238
Density	1.02	g/cm³	ASTM D1505
Mechanical			
Flexural Modulus	180	MPa	ASTM D790
Hardness			
Durometer Hardness, (Shore D)	>40		ASTM D2240
Thermal			
Peak Melting Temperature	102	°C	ASTM D3418

Manufacturer website: https://www.lyondellbasell.com/en/

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.

Company Information

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

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