

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.

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/cm ³	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