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Ponciplastics.com

## 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
<b>Physical</b>			
Melt Flow Rate, (190 °C/2.16 kg)	50	g/10 min	ASTM D1238
Density	1.02	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Flexural Modulus	180	MPa	ASTM D790
<b>Hardness</b>			
Durometer Hardness, (Shore D)	>40		ASTM D2240
<b>Thermal</b>			
Peak Melting Temperature	102	°C	ASTM D3418