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Technical Data Sheet

Icorene N3002-700



Polybutylene

Product Description

Icorene N3002 is a polybutene -1 homopolymer powder specifically designed for use as a layer adhesive. The powder is free flowing and easy to distribute using a scatter coating machine. This grade can be used in various applications as a hot melt adhesive. For example carpet backing or non woven layer lamination. It features very good adhesion to PP and PE polymer substrates and very low viscosity to give good flow around the fibres enabling superior mechanical adhesion.

Processing Method	Scatter Coating
Attribute	Food Contact Acceptable; High Flow
Forms	Powder
Additive	Heat Stabilizer
Application	Adhesives

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	200	g/10 min	ISO 1133
Density	0.915	g/cm ³	ISO 1183
Mechanical			
Tensile Strain at Break	300	%	ISO 8986-2
Flexural Modulus	410	MPa	ISO 178
Tensile Stress at Break	30.0	MPa	ISO 8986-2
Thermal			
Melting Temperature	113 to 126	°C	ISO 11357-3