Technical Data Sheet

Icorene N4412-2000 NAT 0000

Polypropylene, Homopolymer

Product Description

Icorene N4412 is a medium high flow polypropylene homopolymer powderTypical uses for this grade are in the production of PP masterbatch

Regulatory Status

For regulatory compliance information, see *Icorene* N4412-2000 NAT 0000 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Europe
Processing Method	Compounding
Attribute	High Flow; Homopolymer
Forms	Powder
Application	Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	12	g/10 min	ISO 1133
Density	0.905	g/cm³	ISO 1183
Mechanical			
Tensile Strength at Yield	32.0	MPa	ISO 527-2
Flexural Modulus	1450	MPa	ISO 527-2
Tensile Elongation at Yield	10	%	ISO 527-2
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	4.5	kJ/m²	ISO 179
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa)	100	°C	ISO 75-2/B

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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