Technical Data Sheet

Icorene N2106-1200 NAT0000XX

Low Density Polyethylene

Product Description

Icorene N2106 is an easy flowing low density polyethylene grade with medium stiffness and good toughness.This grade is suitable for use in masterbatch applications.

Regulatory Status

For regulatory compliance information, see *Icorene* N2106-1200 NAT0000XX Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Europe
Processing Method	Compounding Extrusion; Scatter Coating
Attribute	Good Flow; Good Stiffness; Good Toughness
Forms	Powder
Application	Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	22	g/10 min	ASTM D1238
Density	0.924	g/cm³	ASTM D1505
Mechanical			
Tensile Modulus	200	MPa	ASTM D638
Tensile Elongation at Break	120	%	ASTM D638
Hardness			
Durometer Hardness, (Shore D)	44		ASTM D2240
Thermal			
Vicat Softening Temperature	89	°C	ASTM D1525
Peak Melting Temperature	108	°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/.

© LyondellBasell Industries Holdings, B.V. 2026

Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative.

Trademarks

The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.