

Technical Data Sheet

Icorene N4435-1200 NAT0000XX



Polypropylene, Homopolymer

Product Description

Icorene N4435 is a polypropylene homopolymer with a high fluidity. This grade is suitable for masterbatch applications.

Regulatory Status

For regulatory compliance information, see *Icorene* N4435-1200 NAT0000XX [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Europe
Attribute	Good Processability; High Clarity; High Flow; High Gloss; Homopolymer
Forms	Powder
Additive	Antioxidant; No Additive Specified
Application	Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	35	g/10 min	ASTM D1238
Density	0.905	g/cm ³	ASTM D1505
Mechanical			
Tensile Elongation at Yield	10	%	ASTM D638
Tensile Strength at Yield	36	MPa	ASTM D638
Flexural Modulus	1800	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C)	24	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa)	110	°C	ISO 75-2/B

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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