

Technical Data Sheet

Icorene N9602-1000 NAT0000XX



Polyamide 6

Product Description

Icorene N9602 is a polyamide 6 grade with an easy release and a rapid solidification. This grade is used for masterbatch applications.

Regulatory Status

For regulatory compliance information, see *Icorene* N9602-1000 NAT0000XX [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Europe
Processing Method	Injection Molding
Attribute	Good Flow; Good Mold Release
Forms	Powder
Application	General Purpose; Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.14	g/cm ³	ISO 1183
Viscosity Number, (96% H ₂ SO ₄ (Sulphuric Acid))	2.70	cm ³ /g	ISO 307
Mechanical			
Tensile Elongation at Yield	20	%	ASTM D638
Tensile Strength at Yield	80	MPa	ASTM D638
Flexural Modulus	2700	MPa	ASTM D790
Tensile Elongation at Break	75	%	ASTM D638
Impact			
Charpy Impact Strength - Notched, (23 °C)	20	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature	213	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	175	°C	ISO 75-2/B
DSC Melting Point	222	°C	ISO 3146

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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