

Technical Data Sheet

Icorene N9201-1000 NAT 0000



Polyethylene Terephthalate

Product Description

Icorene N9201 is a clear, amorphous copolyester material (PET). This grade is useful in a variety of processing techniques including film and sheet extrusion because of its clarity, toughness and good melt strength at processing temperatures.

Regulatory Status

For regulatory compliance information, see *Icorene* N9201-1000 NAT 0000 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Europe
Processing Method	Compounding
Attribute	Amorphous; Good Melt Strength; Good Toughness; High Clarity; High Flow
Forms	Powder
Appearance	Clear/Transparent
Application	Film; Masterbatch; Sheet

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.27	g/cm ³	ISO 1183
Mechanical			
Tensile Strength at Yield	50	MPa	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Tensile Elongation at Break	130	%	ASTM D638
Thermal			
Vicat Softening Temperature	85	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	70.0	°C	ASTM D648
Glass Transition Temperature, (Internal Method)	80.0	°C	ASTM E1356
Optical			
Light Transmittance	89	%	ASTM D1003

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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