

Technical Data Sheet

Icorene N9501

Styrene Acrylonitrile
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® N9501 is a styrene acrylonitrile (SAN) copolymer with good chemical resistance and a very low residual monomers content.

This grade is characterized by it's high clarity and it's good mechanical properties and is recommended for injection.

General

Features	• High Clarity	• Low Residuals
Uses	• Fittings • Household Goods	• Masterbatch • Printer
Forms	• Powder	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.07 g/cm ³	1.07 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 Kg)	22 g/10 min	22 g/10 min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Break, 0.197 In (5.00 Mm))	9720 psi	67.0 MPa	ISO 527-2
Tensile Elongation ¹ (Break)	2.5 %	2.5 %	ISO 527
Flexural Stress	15200 psi	105 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	5.7 ft·lb/in ²	12 kJ/m ²	ISO 179
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	208 °F	98.0 °C	ASTM D648
Vicat Softening Temperature	226 °F	108 °C	ISO 306

Notes

¹ 0.20 in/min (5.0 mm/min)

Notes

These are typical property values not to be construed as specification limits.