

# ICORENE® N9501

Styrene Acrylonitrile

ICO Polymers EMEA, A Division of A. Schulman

## Message:

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

This general purpose grade is characterized by it's high clarity and it's good mechanical properties.

ICORENE® N9501 is recommended for injection.

General Information			
Features	High Clarity		
	Low Residuals		
Uses	Fittings		
	Household Goods		
	Printer		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	22	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 5.00 mm)	67.0	MPa	ISO 527-2
Tensile Elongation <sup>1</sup> (Break)	2.5	%	ISO 527
Flexural Stress	105	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	kJ/m <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	98.0	°C	ASTM D648
Vicat Softening Temperature	108	°C	ISO 306
NOTE			
1.	5.0 mm/min		

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## Recommended distributors for this material

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