

# Lustran SAN DN77

Styrene Acrylonitrile (SAN)

TECHNICAL  
DATASHEET

## DESCRIPTION

SAN resin supplied in natural color for use in compounding applications

## APPLICATIONS

- Compounding

Property, Test Condition	Standard	Unit	Values
<b>Rheological Properties</b>			
Melt Flow Rate, 230 °C/3.8 kg	ASTM D 1238	g/10 min	14
<b>Mechanical Properties</b>			
Izod Unnotched Impact Strength	ASTM D 256	ft-lb/in	6.0
Tensile Stress at Break, 23 °C	ASTM D 638	psi	10,000
Tensile Modulus	ASTM D 638	psi x 10 <sup>3</sup>	-
Flexural Strength, 23 °C	ASTM D 790	psi	11,000
Flexural Modulus, 23 °C	ASTM D 790	psi x 10 <sup>3</sup>	500
<b>Thermal Properties</b>			
Vicat Softening Temperature, B/1 ( 120 °C/h, 10N)	ASTM D 1525	°F	109
<b>Optical Properties</b>			
Haze	ASTM D 1003	%	Not Applicable
<b>Other Properties</b>			
Density	ASTM D 792	-	1.08

Typical values for uncolored products

## SUPPLY FORM

Lustran SAN styrene acrylonitrile resins are available in bulk railcar, bulk truckload and 726kg box quantities.

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## REGULATORY COMPLIANCE

Please refer to Styrolution web site or contact Styrolution Technical Service for further information.

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## PRODUCT SAFETY

Safety Data Sheets and product labels provide information concerning the health and safety precautions that must be observed when handling the Styrolution products mentioned in this publication. No adverse effects on the health of processing personnel have been observed if the products are correctly processed and the production areas are suitably ventilated. For styrene, acrylonitrile, alpha-methyl styrene, maleic anhydride and 1, 3-butadiene, the maximum allowable workplace concentrations must be observed according to current local and federal regulations. Before working with any of these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. This information is available in safety data sheets and on product labels. If there are questions or concerns, consult your Styrolution representative or contact the Product Safety and Regulatory Affairs Department at Styrolution.

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