

Lustran SAN DN50

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
Rheological Properties			
Melt Flow Rate, 230 °C/3.8 kg	ASTM D 1238	g/10 min	12
Mechanical Properties			
Izod Unnotched Impact Strength	ASTM D 256	ft-lb/in	4.5
Tensile Stress at Break, 23 °C	ASTM D 638	psi	10,300
Tensile Modulus	ASTM D 638	psi x 10 ³	-
Flexural Strength, 23 °C	ASTM D 790	psi	16,000
Flexural Modulus, 23 °C	ASTM D 790	psi x 10 ³	495
Thermal Properties			
Vicat Softening Temperature, B/1 (120 °C/h, 10N)	ASTM D 1525	°F	110
Optical Properties			
Haze	ASTM D 1003	%	Not Applicable
Other Properties			
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.

REGULATORY COMPLIANCE

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

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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