

Lustran SAN DN59

Styrene Acrylonitrile (SAN)

**TECHNICAL
DATASHEET**

DESCRIPTION

SAN resin supplied in natural color for use in compounding applications

FEATURES

- High flow SAN for compounding

APPLICATIONS

- Compounding

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Flow Rate, 230 °C/3.8 kg	ASTM D 1238	g/10 min	25
Mechanical Properties			
Izod Unnotched Impact Strength	ASTM D 256	ft-lb/in	5.8
Tensile Stress at Break, 23 °C	ASTM D 638	psi	10,000
Tensile Modulus	ASTM D 638	psi x 10 ³	-
Flexural Strength, 23 °C	ASTM D 790	psi	11,000
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	109
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.

DISCLAIMER

The above information is provided in good faith. INEOS Styrolution is not responsible for any processing or compounding which may occur to product finished articles, packaging materials or their components. Further, INEOS Styrolution **MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND, REGARDING THE INFORMATION GIVEN OR THE PRODUCTS DESCRIBED, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, REPRESENTATIONS AND CONDITIONS, INCLUDING WITHOUT LIMITATION ALL WARRANTIES AND CONDITIONS OF QUALITY, MERCHANTABILITY AND SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** Responsibility for use, storage, handling and disposal of the products described herein is that of the purchaser or end user.
