

# Luran VLN

Styrene Acrylonitrile (SAN)

## TECHNICAL DATASHEET

Property, Test Condition	Standard	Unit	Values
<b>Rheological Properties</b>			
Melt Flow Rate, 220 °C/10 kg	ASTM D 1238	g/10 min	70
<b>Mechanical Properties</b>			
Izod Notched Impact Strength, 23 °C (73 °F)	ASTM D 256	ft-lb/in	0.34
Tensile Stress at Break, 23 °C	ASTM D 638	psi	10,000
Tensile Stress at Yield, 23 °C	ASTM D 638	psi	-
Tensile Modulus	ASTM D 638	psi x 10 <sup>3</sup>	-
Elongation, Failure	ASTM D 638	%	3
Flexural Strength, 23 °C	ASTM D 790	psi	14,5000
Flexural Modulus, 23 °C	ASTM D 790	psi x 10 <sup>3</sup>	520
Hardness, Rockwell	ASTM D 785	R scale	122
<b>Thermal Properties</b>			
Vicat Softening Temperature, VST/A/50 (10N, 50 °C/h)	ISO 306	°F	212
DTUL @ 264 psi - Unannealed	ASTM D 648	°F	192
DTUL @ 66 psi - Unannealed	ASTM D 648	°F	207
DTUL @ 264 psi - Annealed	ASTM D 648	°F	207
DTUL @ 66 psi - Annealed	ASTM D 648	°F	212
<b>Other Properties</b>			
Density	ASTM D 792	-	1.08

Typical values for uncolored products

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