

# Luran VLP

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## TECHNICAL DATASHEET

### DESCRIPTION

Luran® VLP styrene/acrylonitrile copolymer is a grade of SAN offering an optimum combination of chemical resistance and good flow. Luran VLP resin is particular suitable for compounding and also ideal for cost competitive injection molding.

### FEATURES

- General Purpose
- Good Processability
- Heat Resistance
- Good Chemical Resistance

### APPLICATIONS

- Compounding
- Masterbatch

Property, Test Condition	Standard	Unit	Values
<b>Rheological Properties</b>			
Melt Volume Rate, 220 °C/10 kg	ISO 1133	cm <sup>3</sup> /10 min	16
<b>Mechanical Properties</b>			
Izod Notched Impact Strength, 23 °C (73 °F)	ASTM D 256	ft-lb/in	0.4
Izod Unnotched Impact Strength, 23 °C	ASTM D 256	ft-lb/in	4.8
Tensile Modulus	ASTM D 638	psi x 10 <sup>3</sup>	540
Tensile Stress at Break, 23 °C	ASTM D 638	psi	12300
Flexural Strength, 23 °C	ASTM D 790		19500
Flexural Modulus, 23 °C	ASTM D 790	psi x 10 <sup>3</sup>	580
<b>Thermal Properties</b>			
Vicat Softening Temperature, B/1 ( 120 °C/h, 10N)	ASTM D 1525	°F	228
<b>Other Properties</b>			
Density (ASTM )	ASTM D 792	g/cm <sup>3</sup>	1.08