

Luran VLN

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TECHNICAL DATASHEET

DESCRIPTION

Luran® VLN styrene/acrylonitrile copolymer is a grade of SAN is an injection molding grade with high flow and excellent chemical resistance. This resin is particular suitable for compounding and also ideal as a carrier resin for pigment masterbatches.

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Flow Rate, 220 °C/10 kg	ASTM D 1238	g/10 min	70
Mechanical Properties			
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	10000
Elongation, Failure	ASTM D 638	%	3
Flexural Strength, 23 °C	ASTM D 790		145000
Flexural Modulus, 23 °C	ASTM D 790	psi x 10 ³	520
Hardness, Rockwell	ASTM D 785	R scale	122
Thermal Properties			
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
Other Properties			
Density	ASTM D 792	lb/in ³	1.08

Typical values for uncolored products

Please note that all processing data stated are only indicative and may vary depending on the individual processing complexities.

Please consult our local sales or technical representatives for details.

DISCLAIMER

The above mentioned data are accurate to the best of our knowledge. They are based upon reputable labs and industry standard testing methods. These are only typical values and actual product specification may deviate at industrial range. Therefore, no data in this technical data sheet shall constitute a warranty or representation regarding product features, fitness of the product for a specific purpose or application or its processability. INEOS Styrolution disclaims all liability in connection therewith. The customer himself is required to verify whether or not the product is suitable for the further processing or application intended and whether or not the product complies with the relevant statutory requirements. Unless explicitly and individually otherwise agreed in writing, INEOS Styrolution's sole and exclusive liability with respect to its products is set forth in INEOS Styrolution's General Terms and Conditions for Sale.