

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.

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Flow Rate, 220 °C/10 kg	ASTM D 1238	g/10 min	15
Mechanical Properties			
Tensile Stress at Yield, 23 °C	ASTM D 638	psi	12400
Elongation, Failure	ASTM D 638	%	3.1
Tensile Modulus	ASTM D 638	psi x 10 ³	550
Flexural Strength, 23 °C	ASTM D 790		20315
Flexural Modulus, 23 °C	ASTM D 790	psi x 10 ³	537
Hardness, Rockwell	ASTM D 785	R scale	127
Izod Notched Impact Strength, 23 °C (73 °F)	ASTM D 256	ft-lb/in	0.41
Thermal Properties			
DTUL @ 264 psi - Annealed	ASTM D 648	°F	185
DTUL @ 66 psi - Annealed	ASTM D 648	°F	205
Vicat Softening Temperature, VST/A/50 (10N, 50 °C/h)	ISO 306	°F	213
Other Properties			
Density (ASTM)	ASTM D 792	g/cm 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.

Contact us:

Phone +1 866 890 6353

Infopoint.americas@styrolution.com

www.ineos-styrolution.com

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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.