

STYROLUTION GROUP GMBH

ERLENSTRASSE 2, FRANKFURT AM MAIN 60325 DE

KR2867 CWU**Acrylate Styrene Acrylonitrile/Polycarbonate (ASA/PC), "Luran S", furnished as pellets**

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
NC	1.0	-	-	-	50	50	50
ALL	1.5	V-0	3	0	90	75	85
	2.0	V-0	3	0	90	75	85
	3.0	V-0	2	0	90	80	90
WT	2.0	V-0,5VB	3	0	90	75	85

Comparative Tracking Index (CTI): **2**Dielectric Strength (kV/mm): **23**High-Voltage Arc Tracking Rate (HVTR): **3**Dimensional Stability (%): **0**Inclined Plane Tracking (IPT): **-**Volume Resistivity (10^x ohm-cm) : **16**High Volt, Low Current Arc Resis (D495): **6**

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

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IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	1.5	V-0 (ALL)
			2.0	V-0 (ALL)
			3.0	V-0 (ALL)
			2.0	V-0,5VB (WT)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	1.0	960
			2.0	960
			3.0	960
			2.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	1.0	825
			2.0	825
			3.0	775
			2.0	825
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-