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**Component - Plastics****E333734**[\[guide info\]](#)**INVISTA S A R L**

4123 E 37TH ST N, WICHITA KS 67220-3203

**U4840NL**

Polyamide 66 (PA66), lubricated "TORZEN", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
NC, BK	0.40	V-2	-	-	130	65	75
	0.71	V-2	-	-	130	75	85
ALL	1.5	V-2	3	0	130	75	85
	3.0	V-2	2	0	130	75	85

Comparative Tracking Index (CTI): -

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): 18

Volume Resistivity (10<sup>x</sup> ohm-cm): 10

High-Voltage Arc Tracking Rate (HVTR): 0

High Volt, Low Current Arc Resis (D495): 5

Dimensional Stability (%): 0.13

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	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.40	V-2 (NC, BK)
			0.71	V-2 (NC, BK)
			1.5	V-2 (ALL)
			3.0	V-2 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	0.71	960
			1.5	960
			3.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	0.71	960
			1.5	900
			3.0	750
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	3.0	CTI600
IEC Ball Pressure	IEC 60695-10-2	°C	3.0	240
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 <sup>2</sup>	-	-
ISO Izod Impact	ISO 180	kJ/m <sup>2</sup>	-	-
ISO Charpy Impact	ISO 179-2	kJ/m <sup>2</sup>	-	-