KSE-LIGHTS Thüngenfeld 8 | 58256 Ennepetal | Germany

Statement of chemical resistance

Product: supaHERO series

The entire housing of the supaHERO hand lamp is made of a high quality **PA66 with 25% glass fibers**.

The polymer has very good sliding & damping properties, is very abrasion resistant, impact resistant and is resistant to **alkalis, lubricants, oils and greases**.

Furthermore, the material is extremely flame retardant and V0 tested and approved.

Component - Plastics E189230

BADA AG
UNTERE STRUT 1, BUEHL/BADEN 77815 DE

UL A70
Polyamide 6/6 (PA6/6), "BADAMID", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.75	V-2	4	0	125	75	85
	1.6	V-2	3	0	125	75	85
	3.0	V-2	3	0	125	75	85

Comparative Tracking Index (CTI): 0
Inclined Plane Tracking (IPT): -
Dielectric Strength (kV/mm): -
Volume Resistivity (10^x ohm-cm) : -
High-Voltage Arc Tracking Rate (HVTR): 0
High Volt, Low Current Arc Resis (D495): 4
Dimensional Stability (%): -

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	Class (color)	0.75	V-2 (ALL)
			1.6	V-2 (ALL)
			3.0	V-2 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	-	-
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	-	-

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