

**BADA AG**  
UNTERE STRUT 1, BUEHL/BADEN 77815 DE

**UL B703 GF30 FR03 HF**  
Polyamide 6 (PA6) "Badamid", furnished as pellets

<u>Color</u>	<u>Min. Thk</u> <u>(mm)</u>	<u>Flame</u> <u>Class</u>	<u>HWI</u>	<u>HAI</u>	<u>RTI Elec</u> <u>(°C)</u>	<u>RTI Imp</u> <u>(°C)</u>	<u>RTI Str</u> <u>(°C)</u>
ALL	0.40	V-0	0	0	65	65	65
	0.75	V-0	0	0	65	65	65
	1.5	V-0	0	0	65	65	65
	3.0	V-0	0	0	65	65	65

Comparative Tracking Index (CTI): 0

Inclined Plane Tracking (IPT) kV: -

Dielectric Strength (kV/mm): -

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

High-Voltage Arc Tracking Rate (HVTR): -

Surface Resistivity (10<sup>x</sup> ohms/square): -


Dimensional Change (%): -

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

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.

Report Date: 2025-07-17

Last Revised: 2025-07-17

  
ALSO CERTIFIED TO  
IEC REQUIREMENTS

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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-0 (ALL)
			0.75	V-0 (ALL)
			1.5	V-0 (ALL)
			3.0	V-0 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	0.40	960
			3.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	0.40	775
			3.0	800
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC AC Dielectric Strength (AC DS)	IEC 60243-1	kV/mm	-	-
IEC DC Dielectric Strength (DC DS)	IEC 60243-2	kV/mm	-	-
IEC Volume Resistivity (VR)	IEC 62631-3-1	10 <sup>x</sup> ohm-m	-	-
IEC Surface Resistivity (SR)	IEC 62631-3-2	10 <sup>x</sup> ohms	-	-
IEC Inclined Plane Tracking (IPT)	IEC 60587	kV	-	-
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 <sup>2</sup>	-	-
ISO Izod Impact	ISO 180	kJ/m <sup>2</sup>	-	-
ISO Charpy Impact	ISO 179-1	kJ/m <sup>2</sup>	-	-