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Component - Plastics

E189230

Guide Information

BADA AG

UNTERE STRUT 1, BUEHL/BADEN 77815 DE

C70 FR HF HH

Polyamide 66/6 (PA66/6) "Badamid", furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.40	V-0	0	0	130	80	115
	0.75	V-0	0	0	130	85	120
	1.5	V-0	0	0	130	85	120
	3.0	V-0	0	0	130	85	120

Comparative Tracking Index (CTI): 0	Inclined Plane Tracking (IPT) kV: 1
Dielectric Strength (kV/mm): 17	Volume Resistivity (10 ^x ohm-cm): 9
High-Voltage Arc Tracking Rate (HVTR): 0	Surface Resistivity (10 ^x ohms/square): -
Dimensional Change (%): -	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	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	-	-
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 179-1	kJ/m ²	-	-