



Component - Plastics

File Number: E189230

BADA AG
UNTERE STRUT 1
BUEHL/BADEN, 77815 Germany



Badamid: UL B703 GF25 FR03 HF

Polyamide 6 (PA6), pellets

Flammability	Value	Test Method
Flame Rating		UL 94
0.40 mm, ALL	V-0	IEC 60695-11-10, -20
0.75 mm, ALL	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Glow Wire Flammability Index		IEC 60695-2-12
0.40 mm	960 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.40 mm	775 °C	
3.0 mm	800 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.40 mm	PLC 1	
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746A
0.40 mm	PLC 0	
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Thermal	Value	Test Method
RTI Elec		UL 746B
0.40 mm	65.0 °C	
0.75 mm	65.0 °C	
1.5 mm	65.0 °C	
3.0 mm	65.0 °C	
RTI Imp		UL 746B
0.40 mm	65.0 °C	
0.75 mm	65.0 °C	
1.5 mm	65.0 °C	
3.0 mm	65.0 °C	
RTI Str		UL 746B
0.40 mm	65.0 °C	
0.75 mm	65.0 °C	
1.5 mm	65.0 °C	
3.0 mm	65.0 °C	