



Component - Plastics

File Number: E41871

BASF SE

Performance Materials Europe

E-PME/NQ - H201

Ludwigshafen, 67056 Germany

Ultramid: A3U

Polyamide 66 (PA66), pellets, unfilled



Flammability	Value	Test Method
Flame Rating		UL 94
0.40 mm, NC	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	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.75 mm	PLC 4	
1.5 mm	PLC 4	
3.0 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Dielectric Strength	25 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Volume Resistivity	1.0E+13 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.75 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
0.75 mm	90.0 °C	
1.5 mm	90.0 °C	
3.0 mm	90.0 °C	
RTI Str		UL 746
0.75 mm	120 °C	
1.5 mm	120 °C	
3.0 mm	120 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796