

**BASF CORP**1609 BIDDLE AVE
WYANDOTTE, MI 48192-3729 United States

File Number: E36632

Ultradid: A3EG6

Polyamide 66 (PA66), pellets



Flammability	Value	Test Method
Flame Rating		
0.75 mm, ALL	HB	UL 94
1.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
6.0 mm, ALL	HB	UL 94
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
6.0 mm, ALL	HB40	IEC 60695-11-10, -20
0.75 mm, ALL	HB75	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.75 mm	PLC 4	
1.5 mm	PLC 4	
3.0 mm	PLC 1	
6.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746A
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Dielectric Strength	23 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 1	UL 746A
Volume Resistivity	1.0E+12 ohms-cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
0.75 mm	120 °C	
1.5 mm	120 °C	
3.0 mm	120 °C	
6.0 mm	120 °C	
RTI Imp		UL 746B
1.5 mm	120 °C	
3.0 mm	120 °C	
6.0 mm	120 °C	
RTI Str		UL 746B
1.5 mm	130 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	

Component - Plastics

A3EG6



Physical	Value	Test Method
Dimensional Change	0.0 %	ASTM D1042 ISO 2796