



BASF SE  
Performance Materials Europe  
E-PME/NQ - H201  
Ludwigshafen, 67056 Germany



**Ultramid: A3K R01 (t)(f1)**

Polyamide 66 (PA66), pellets

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

(t) - May be followed by the letters LS and a color code indicating laser sensitive coloring.

可燃性	值	测试方法
UL 阻燃等级		UL 94
1.5 mm, BK	V-2	IEC 60695-11-10, -20
3.0 mm, BK	V-2	
灼热丝易燃指数		IEC 60695-2-12
1.5 mm	960 °C	
3.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
1.5 mm	930 °C	
3.0 mm	725 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746A
1.5 mm	PLC 3	
3.0 mm	PLC 2	
高电弧燃烧指数(HAI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 0	UL 746A
介电强度	22 kV/mm	ASTM D149
高电压电弧起痕速率 (HVTR)	PLC 0	UL 746A
体积电阻率	1.0E+10 ohms-cm	ASTM D257 IEC 60093
耐电弧性	PLC 4	ASTM D495
热性能	值	测试方法
RTI Elec		UL 746B
1.5 mm	125 °C	
3.0 mm	125 °C	
RTI Imp		UL 746B
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI		UL 746B
1.5 mm	85.0 °C	
3.0 mm	90.0 °C	
物理性能	值	测试方法
室外适用性	f1	UL 746C