



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



Ultradur: B4441G5 (t)

Polybutylene Terephthalate (PBT), pellets

(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
0.40 mm, ALL	V-0	IEC 60695-11-10, -20
0.75 mm, ALL	V-0	
1.0 mm, ALL	V-0	
1.5 mm, ALL	V-0, 5VA	
2.0 mm, ALL	V-0, 5VA	
3.0 mm, ALL	V-0, 5VA	
灼热丝易燃指数		IEC 60695-2-12
1.0 mm	960 °C	
1.5 mm	960 °C	
2.0 mm	960 °C	
3.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
1.0 mm	800 °C	
1.5 mm	800 °C	
2.0 mm	825 °C	
3.0 mm	825 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746A
0.40 mm	PLC 4	
0.75 mm	PLC 2	
1.0 mm	PLC 2	
1.5 mm	PLC 2	
2.0 mm	PLC 2	
3.0 mm	PLC 0	
高电弧燃烧指数(HAI)		UL 746A
0.40 mm	PLC 0	
0.75 mm	PLC 0	
1.0 mm	PLC 0	
1.5 mm	PLC 0	
2.0 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	37 kV/mm	ASTM D149
高电压电弧起痕速率 (HVTR)	PLC 0	UL 746A
耐电弧性	PLC 4	ASTM D495



热性能	值	测试方法
RTI Elec		UL 746B
0.40 mm	120 °C	
0.75 mm	140 °C	
1.0 mm	140 °C	
1.5 mm	140 °C	
2.0 mm	140 °C	
3.0 mm	140 °C	
RTI Imp		UL 746B
0.40 mm	125 °C	
0.75 mm	140 °C	
1.0 mm	140 °C	
1.5 mm	140 °C	
2.0 mm	140 °C	
3.0 mm	140 °C	
RTI		UL 746B
0.40 mm	125 °C	
0.75 mm	140 °C	
1.0 mm	140 °C	
1.5 mm	140 °C	
2.0 mm	140 °C	
3.0 mm	140 °C	