



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



B4406 G3 Q717(++)

Polybutylene Terephthalate (PBT), pellets

(++) - Virgin and regrind up to 50% by weight inclusive are identical with respect to the Vertical flame rating V-0, NC with the flame rating 5VA, HWI, HAI, HVTR, D495, CTI, Dielectric Strength, Volume Resistivity, Dimensional Stability and RTIs.

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	
1.5 mm, ALL	V-0	
2.0 mm, NC	V-0, 5VA	
2.5 mm, ALL	V-0, 5VA	
3.0 mm, ALL	V-0, 5VA	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746A
0.75 mm	PLC 3	
1.5 mm	PLC 3	
2.0 mm	PLC 3	
2.5 mm	PLC 3	
3.0 mm	PLC 2	
高电弧燃烧指数(HAI)		UL 746A
0.75 mm	PLC 0	
1.5 mm	PLC 0	
2.0 mm	PLC 0	
2.5 mm	PLC 0	
3.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 3	UL 746A
介电强度	23 kV/mm	ASTM D149
高电压电弧起痕速率 (HVTR)	PLC 3	UL 746A
体积电阻率	1.0E+17 ohms-cm	ASTM D257 IEC 60093
耐电弧性	PLC 7	ASTM D495
热性能	值	测试方法
RTI Elec		UL 746B
0.40 mm	75.0 °C	
0.75 mm	140 °C	
1.5 mm	140 °C	
2.0 mm	140 °C	
2.5 mm	140 °C	
3.0 mm	140 °C	



热性能	值	测试方法
RTI Imp		UL 746B
0.40 mm	75.0 °C	
0.75 mm	120 °C	
1.5 mm	120 °C	
2.0 mm	120 °C	
2.5 mm	120 °C	
3.0 mm	120 °C	
RTI		UL 746B
0.40 mm	75.0 °C	
0.75 mm	125 °C	
1.5 mm	125 °C	
2.0 mm	125 °C	
2.5 mm	130 °C	
3.0 mm	130 °C	
物理性能	值	测试方法
Dimensional Change	0.0 %	ASTM D1042 ISO 2796