



Solvay Specialty Polymers USA L L C  
4500 MCGINNIS FERRY RD, ALPHARETTA GA 30005-2203



Amodel: A-1145HS (i)

Polyphthalamide (PPA), pellets

(i) - 85C is the generic RTI value for this PPA per UL 746B

可燃性	值	测试方法
UL 阻燃等级		
0.9 mm, NC	HB	UL 94
1.5 mm, NC	HB	UL 94
3.0 mm, NC	HB	UL 94
3.0 mm, NC	HB40	IEC 60695-11-10, -20
0.9 mm, NC	HB75	IEC 60695-11-10, -20
1.5 mm, NC	HB75	IEC 60695-11-10, -20
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.9 mm	PLC 3	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
高电弧燃烧指数(HAI)		UL 746
0.9 mm	PLC 1	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 0	UL 746
介电强度	36 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 1	UL 746
体积电阻率	1.0E+15 ohms-cm	ASTM D257 IEC 60093
热性能	值	测试方法
RTI Elec		UL 746
0.9 mm	85.0 °C	
1.5 mm	85.0 °C	
3.0 mm	85.0 °C	
RTI Imp		UL 746
0.9 mm	85.0 °C	
1.5 mm	85.0 °C	
3.0 mm	85.0 °C	
RTI		UL 746
0.9 mm	85.0 °C	
1.5 mm	85.0 °C	
3.0 mm	85.0 °C	
物理性能	值	测试方法
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796



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