



# 组件 - 塑料

File Number: E41938

E I DUPONT DE NEMOURS & CO INC  
ENGINEERING POLYMERS, CHESTNUT RUN PLAZA, PO BOX 80713, WILMINGTON DE 19880-0713



Zytel: 70G43L

Polyamide 66 (PA66), pellets, glass reinforced

Flammability	值	测试方法
Flame Rating		
0.71 mm, NC, BK, RD, GY	HB	UL 94
1.5 mm, NC, BK, RD, GY	HB	UL 94
3.0 mm, NC, BK, RD, GY	HB	UL 94
3.0 mm, NC, BK, RD, GY	HB40	IEC 60695-11-10, -20
0.71 mm, NC, BK, RD, GY	HB75	IEC 60695-11-10, -20
1.5 mm, NC, BK, RD, GY	HB75	IEC 60695-11-10, -20
Glow Wire Flammability Index		IEC 60695-2-12
0.71 mm	650 °C	
1.5 mm	650 °C	
3.0 mm	825 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.71 mm	675 °C	
1.5 mm	675 °C	
3.0 mm	700 °C	
Electrical	值	测试方法
Hot-wire Ignition (HWI)		UL 746
0.71 mm	PLC 4	
1.5 mm	PLC 4	
3.0 mm	PLC 4	
High Amp Arc Ignition (HAI)		UL 746
0.71 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Dielectric Strength	28 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 1	UL 746
Volume Resistivity	1.0E+14 ohms-cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495

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Thermal	值	测试方法
RTI Elec		UL 746
0.71 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
0.71 mm	120 °C	
1.5 mm	120 °C	
3.0 mm	120 °C	
RTI Str		UL 746
0.71 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
Physical	值	测试方法
Dimensional Stability	0.80 %	ASTM D1042 ISO 2796

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