



组件 - 塑料
UL 档案号: E43392

DSM ENGINEERING PLASTICS INC
2267 W MILL RD, PO BOX 3333, EVANSVILLE IN 47732-3333



Akulon: K225-KS
Polyamide 6 (PA6), pellets

可燃性	值	测试方法
UL 阻燃等级		UL 94
0.380 mm, ALL	V-0	IEC 60695-11-10, -20
0.750 mm, ALL	V-0	
1.50 mm, ALL	V-0	
3.00 mm, ALL	V-0	
灼热丝易燃指数		IEC 60695-2-12
0.380 mm	960 °C	
0.750 mm	960 °C	
1.50 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
0.380 mm	960 °C	
0.750 mm	960 °C	
1.50 mm	960 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.380 mm	PLC 4	
0.750 mm	PLC 3	
1.50 mm	PLC 3	
3.00 mm	PLC 2	
高电弧燃烧指数(HAI)		UL 746
0.380 mm	PLC 2	
0.750 mm	PLC 0	
1.50 mm	PLC 0	
3.00 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 0	UL 746
介电强度	18 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 0	UL 746
Inclined-Plane Tracking (1.0 kV)	60 min	ASTM D2303
体积电阻率	1.0E+15 ohm·cm	ASTM D257 IEC 60093
耐电弧性	PLC 5	ASTM D495
漏电起痕指数 (3.00 mm)	600 V	IEC 60112
热性能	值	测试方法
RTI Elec		UL 746
0.380 mm	150 °C	
0.750 mm	150 °C	
1.50 mm	150 °C	
3.00 mm	150 °C	



热性能	值	测试方法
RTI Imp		UL 746
0.750 mm	75.0 °C	
1.50 mm	75.0 °C	
3.00 mm	80.0 °C	
RTI		UL 746
0.750 mm	95.0 °C	
1.50 mm	95.0 °C	
3.00 mm	95.0 °C	
Ball Pressure Test (210°C, 3.00 mm)	Pass	IEC 60695-10-2
物理性能	值	测试方法
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796

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