



DSM ENGINEERING MATERIALS INC
2267 W MILL RD
EVANSVILLE, IN 47732 United States



Akulon Ultraflow: K-FKGS6/B(f1)(y)

Polyamide 6 (PA6), pellets

- (f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.
- (y) - Properties include Inclined Plane Tracking per UL746A, average time to track at 1500 V is 122 minutes

可燃性	值	测试方法
UL 阻燃等级		UL 94
0.75 mm, ALL	V-0	IEC 60695-11-10, -20
1.5 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 746
0.75 mm	PLC 2	
1.5 mm	PLC 1	
3.0 mm	PLC 0	
高电弧燃烧指数(HAI)		UL 746
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 1	UL 746
介电强度	11 kV/mm	ASTM D149 IEC 60243-1
Inclined-Plane Tracking	1.0 kV	ASTM D2303
体积电阻率	1.0E+10 ohms-cm	ASTM D257 IEC 60093
漏电起痕指数 (3.00 mm)	325 V	IEC 60112
热性能	值	测试方法
RTI Elec		UL 746
0.75 mm	140 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	
RTI Imp		UL 746
0.75 mm	110 °C	
1.5 mm	110 °C	
3.0 mm	110 °C	
RTI		UL 746
0.75 mm	110 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
Ball Pressure Test (210°C, 3.00 mm)	通过	IEC 60695-10-2
物理性能	值	测试方法
室外适用性	f1	UL 746C