



Component - Plastics

File Number: E132739

A.SCHULMAN WARRINGTON
 1 KINGSLAND GRANGE
 WOOLSTON
 WARRINGTON, WA1 4RA United Kingdom



SCHULAMID: 6 MV 14 FR

Polyamide 6 (PA6), pellets

NOTE - All designations may be followed by numerical suffixes indicating color

Flammability	Value	Test Method
Flame Rating		UL 94
0.030 in, ALL	V-0	
0.06 in, ALL	V-0	
0.12 in, ALL	V-0	
Flammability Classification		IEC 60695-11-10, -20
0.030 in, ALL	V-0	
0.06 in, ALL	V-0	
0.12 in, ALL	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.030 in	PLC 3	
0.06 in	PLC 3	
0.12 in	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
0.030 in	PLC 0	
0.06 in	PLC 0	
0.12 in	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Dielectric Strength	460 V/mil	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746A
Volume Resistivity	1.0E+15 ohms·cm	ASTM D257
Volume Resistivity	1.0E+15 ohms·cm	IEC 60093
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
0.015 in	266 °F	
0.030 in	266 °F	
0.06 in	266 °F	
0.12 in	266 °F	
RTI Imp		UL 746B
0.015 in	176 °F	
0.030 in	176 °F	
0.06 in	185 °F	
0.12 in	185 °F	
RTI Str		UL 746B
0.015 in	221 °F	
0.030 in	221 °F	
0.06 in	239 °F	
0.12 in	239 °F	



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Physical	Value	Test Method
Dimensional Change	0.0 %	ASTM D1042
Dimensional Change	0.0 %	ISO 2796

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