



Component - Plastics

File Number: E132739

A.SCHULMAN WARRINGTON

1 KINGSLAND GRANGE

WOOLSTON

WARRINGTON, WA1 4RA United Kingdom



PERCOM: MCG20TFRHF

Polypropylene (PP), pellets

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

Flammability	Value	Test Method
Flame Rating		UL 94
0.06 in, ALL	V-0	
0.12 in, ALL	V-0	
Flammability Classification		IEC 60695-11-10, -20
0.06 in, ALL	V-0	
0.12 in, ALL	V-0	
Glow Wire Flammability Index		IEC 60695-2-12
0.04 in	1610 °F	
0.08 in	1760 °F	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.04 in	1380 °F	
0.08 in	1470 °F	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.06 in	PLC 0	
0.12 in	PLC 0	
High Amp Arc Ignition (HAI)		UL 746A
0.06 in	PLC 0	
0.12 in	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Dielectric Strength	330 V/mil	ASTM D149
Volume Resistivity	1.0E+11 ohms·cm	ASTM D257
Volume Resistivity	1.0E+11 ohms·cm	IEC 60093
Thermal	Value	Test Method
RTI Elec		UL 746B
0.04 in	149 °F	
0.06 in	149 °F	
0.08 in	149 °F	
0.12 in	149 °F	
RTI Imp		UL 746B
0.04 in	149 °F	
0.06 in	149 °F	
0.08 in	149 °F	
0.12 in	149 °F	
RTI Str		UL 746B
0.04 in	149 °F	
0.06 in	149 °F	
0.08 in	149 °F	
0.12 in	149 °F	



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Thermal	Value	Test Method
Ball Pressure Test (248°F)	Pass	IEC 60695-10-2

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