Component - Plastics

File Number: E132739

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

PERCOM H: M7

High Density Polyethylene (HDPE), pellets

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

Flammability	Value	Test Method
Flame Rating		UL 94
0.04 in, ALL	HB	
0.06 in, ALL	HB	
0.08 in, ALL	HB	
0.12 in, ALL	HB	
Flammability Classification		IEC 60695-11-10, -20
0.12 in, ALL	HB40	
0.04 in, ALL	HB75	
0.06 in, ALL	HB75	
0.08 in, ALL	HB75	
Glow Wire Flammability Index		IEC 60695-2-12
0.031 in	1430 °F	
0.04 in	1430 °F	
0.06 in	1430 °F	
0.08 in	1430 °F	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.031 in	1470 °F	
0.04 in	1470 °F	
0.06 in	1470 °F	
0.08 in	1470 °F	
Electrical	**Value**	**Test Method**
Hot-wire Ignition (HWI)		UL 746A
0.04 in	PLC 3	
0.06 in	PLC 3	
0.08 in	PLC 3	
0.12 in	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
0.04 in	PLC 0	
0.06 in	PLC 0	
0.08 in	PLC 0	
0.12 in	PLC 0	
Comparative Tracking Index	600 V	IEC 60112
Thermal	**Value**	**Test Method**
RTI Elec		UL 746B
0.031 in	122 °F	
0.04 in	122 °F	
0.06 in	122 °F	
0.08 in	122 °F	
0.12 in	122 °F	

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ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

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Thermal	Value	Test Method
RTI Imp		UL 746B
0.031 in	122 °F	
0.04 in	122 °F	
0.06 in	122 °F	
0.08 in	122 °F	
0.12 in	122 °F	
RTI Str		UL 746B
0.031 in	122 °F	
0.04 in	122 °F	
0.06 in	122 °F	
0.08 in	122 °F	
0.12 in	122 °F	
Ball Pressure Test (167°F)	Pass	IEC 60695-10-2

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