Component - Plastics

File Number: E56070

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POLYREX: PH-88

Polystyrene (PS), pellets or powder

Flammability	Value	Test Method
Flame Rating		
1.0 mm, ALL	HB	UL 94
1.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
1.0 mm, ALL	HB75	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	**Value**	**Test Method**
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 3	
3.0 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 3	
3.0 mm	PLC 0	
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746A
Arc Resistance	PLC 6	ASTM D495
Thermal	**Value**	**Test Method**
RTI Elec		UL 746B
1.0 mm	50.0 °C	
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
RTI Imp		UL 746B
1.0 mm	50.0 °C	
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
RTI Str		UL 746B
1.0 mm	50.0 °C	
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	

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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.