



TPSC Asia Pte Ltd

53 Tuas Crescent
Singapore 638732
Singapore
SINGAPORE, 638732 Singapore

File Number: E472299

3351

Polystyrene (PS), pellets



Flammability	Value (English)	Value (SI)	Test Method
Flame Rating			
0.031 in (0.8 mm), ALL	HB	HB	UL 94
0.06 in (1.5 mm), ALL	HB	HB	UL 94
0.13 in (3.3 mm), ALL	HB	HB	UL 94
0.13 in (3.3 mm), ALL	HB40	HB40	IEC 60695-11-10, -20
0.03 in (0.8 mm), ALL	HB75	HB75	IEC 60695-11-10, -20
0.06 in (1.5 mm), ALL	HB75	HB75	IEC 60695-11-10, -20
Electrical	Value (English)	Value (SI)	Test Method
Hot-wire Ignition (HWI)			UL 746A
0.06 in (1.5 mm)	PLC 4	PLC 4	
0.13 in (3.3 mm)	PLC 3	PLC 3	
High Amp Arc Ignition (HAI)			UL 746A
0.06 in (1.5 mm)	PLC 0	PLC 0	
0.13 in (3.3 mm)	PLC 1	PLC 1	
Comparative Tracking Index (CTI)	PLC 1	PLC 1	UL 746A
Thermal	Value (English)	Value (SI)	Test Method
RTI Elec			UL 746B
0.031 in (0.8 mm)	122 °F	50.0 °C	
0.06 in (1.5 mm)	122 °F	50.0 °C	
0.13 in (3.3 mm)	122 °F	50.0 °C	
RTI Imp			UL 746B
0.031 in (0.8 mm)	122 °F	50.0 °C	
0.06 in (1.5 mm)	122 °F	50.0 °C	
0.13 in (3.3 mm)	122 °F	50.0 °C	
RTI Str			UL 746B
0.031 in (0.8 mm)	122 °F	50.0 °C	
0.06 in (1.5 mm)	122 °F	50.0 °C	
0.13 in (3.3 mm)	122 °F	50.0 °C	