



Component - Plastics

File Number: E162823

FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV

201 TUNG HWA N RD

TAIPEI, 105 Taiwan



TAIRIREX: GP5000

Polystyrene (PS), pellets

Flammability	Value	Test Method
Flame Rating		
1.5 mm, NC	HB	UL 94
3.0 mm, NC	HB	UL 94
3.0 mm, NC	HB40	IEC 60695-11-10, -20
1.5 mm, NC	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI) (3.0 mm)	PLC 3	UL 746
High Amp Arc Ignition (HAI) (3.0 mm)	PLC 0	UL 746
Comparative Tracking Index (CTI)	PLC 1	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
RTI Imp		UL 746
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
RTI Str		UL 746
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	