



Component - Plastics

File Number: E108538

STYROLUTION GROUP GMBH
ERLENSTRASSE 2, FRANKFURT AM MAIN 60325 DE



Terluran or Novodur: GP-22
Acrylonitrile Butadiene Styrene (ABS), pellets

Flammability	Value	Test Method
Flame Rating		
0.800 mm, ALL	HB	UL 94
1.50 mm, ALL	HB	UL 94
3.00 mm, ALL	HB	UL 94
3.00 mm, ALL	HB40	IEC 60695-11-10, -20
0.800 mm, ALL	HB75	IEC 60695-11-10, -20
1.50 mm, ALL	HB75	IEC 60695-11-10, -20
Glow Wire Flammability Index		IEC 60695-2-12
0.800 mm	650 °C	
1.50 mm	650 °C	
3.00 mm	650 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.800 mm	675 °C	
1.50 mm	675 °C	
3.00 mm	675 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.800 mm	PLC 3	
1.50 mm	PLC 3	
3.00 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746
0.800 mm	PLC 1	
1.50 mm	PLC 1	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 1	UL 746
Volume Resistivity	1.0E+16 ohm·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 1	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.800 mm	90.0 °C	
1.50 mm	90.0 °C	
3.00 mm	90.0 °C	
RTI Imp		UL 746
0.800 mm	80.0 °C	
1.50 mm	80.0 °C	
3.00 mm	80.0 °C	

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Thermal	Value	Test Method
RTI Str		UL 746
0.800 mm	95.0 °C	
1.50 mm	95.0 °C	
3.00 mm	95.0 °C	

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