



# Component - Plastics

File Number: E106635

ARKEMA SRL  
Via Pregnana 63  
Rho, MI 20017 Italy



## Altuglas: DIFFUSE 101

Polymethyl Methacrylate (PMMA), pellets

Flammability	Value	Test Method
Flame Rating		
1.5 mm, TL	HB	UL 94
3.0 mm, TL	HB	UL 94
3.0 mm, TL	HB40	IEC 60695-11-10, -20
1.5 mm, TL	HB75	IEC 60695-11-10, -20
Glow Wire Flammability Index		IEC 60695-2-12
1.5 mm	700 °C	
3.0 mm	725 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.5 mm	725 °C	
3.0 mm	750 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 3	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Thermal	Value	Test Method
RTI Elec		UL 746B
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
RTI Imp		UL 746B
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
RTI Str		UL 746B
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	