



Component - Plastics

File Number: E40195

DOW CORNING CORP

2200 W Salzburg Rd, Auburn MI 48611



MS-1003

Silicone Molding Resin (SIR), two liquid components

Flammability	Value	Test Method
Flame Rating		
1.00 mm, NC	HB	UL 94
3.00 mm, NC	HB	UL 94
5.00 mm, NC	HB	UL 94
8.00 mm, NC	HB	UL 94
3.00 mm, NC	HB40	IEC 60695-11-10, -20
5.00 mm, NC	HB40	IEC 60695-11-10, -20
8.00 mm, NC	HB40	IEC 60695-11-10, -20
1.00 mm, NC	HB75	IEC 60695-11-10, -20
Glow Wire Flammability Index		IEC 60695-2-12
1.00 mm	675 °C	
3.00 mm	725 °C	
5.00 mm	775 °C	
8.00 mm	750 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.00 mm	650 °C	
3.00 mm	700 °C	
5.00 mm	700 °C	
8.00 mm	725 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.00 mm	PLC 4	
3.00 mm	PLC 4	
5.00 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746
1.00 mm	PLC 0	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Thermal	Value	Test Method
RTI Elec		UL 746
1.00 mm	150 °C	
3.00 mm	150 °C	
5.00 mm	150 °C	
8.00 mm	150 °C	
RTI Imp		UL 746
1.00 mm	150 °C	
3.00 mm	150 °C	
5.00 mm	150 °C	
8.00 mm	150 °C	

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Thermal	Value	Test Method
RTI Str		UL 746
1.00 mm	150 °C	
3.00 mm	150 °C	
5.00 mm	150 °C	
8.00 mm	150 °C	

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