

**Dow Toray Co., Ltd.**

Komatsu Plant
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Komatsu-Shi, Ishikawa 923-0994 Japan

File Number: E489196

MS-1001

Silicone Rubber (SIR), two liquid components



Flammability	Value	Test Method
Flame Rating		
1.0 mm, NC	HB	UL 94
3.0 mm, NC	HB	UL 94
5.0 mm, NC	V-1	UL 94 IEC 60695-11-10, -20
8.0 mm, NC	V-1, 5VA	UL 94 IEC 60695-11-10, -20
3.0 mm, NC	HB40	IEC 60695-11-10, -20
1.0 mm, NC	HB75	IEC 60695-11-10, -20
Glow Wire Flammability Index		IEC 60695-2-12
1.0 mm	960 °C	
3.0 mm	960 °C	
8.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.0 mm	850 °C	
3.0 mm	900 °C	
8.0 mm	930 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
1.0 mm	PLC 4	
3.0 mm	PLC 3	
5.0 mm	PLC 3	
8.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
1.0 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Dielectric Strength	25 kV/mm	ASTM D149
Volume Resistivity	1.0E+16 ohms-cm	ASTM D257 IEC 60093
Thermal	Value	Test Method
RTI Elec		UL 746B
1.0 mm	150 °C	
3.0 mm	150 °C	
5.0 mm	150 °C	
8.0 mm	150 °C	

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Thermal	Value	Test Method
RTI Imp		UL 746B
1.0 mm	150 °C	
3.0 mm	150 °C	
5.0 mm	150 °C	
8.0 mm	150 °C	
RTI Str		UL 746B
1.0 mm	150 °C	
3.0 mm	150 °C	
5.0 mm	150 °C	
8.0 mm	150 °C	
Physical	Value	Test Method
Dimensional Change	0.0 %	ASTM D1042 ISO 2796