

# TECHNICAL INFORMATION



## \* Tracking Resistant Grade LSI-601/40

LSI-600/50 of liquid silicone elastomers are high voltage insulator application, two component systems designed for liquid injection molding.

### • FEATURES

- Excellent Tracking and Erosion Resistance
- Convenient 1:1 mix ratio for use with automatic equipment
- Low viscosity
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- Excellent Weathering and Air Pollution

### • Application

- Suspension Insulation
- Line Post Insulator
- Cable Terminator and connectors

### PROPERTIES

press cure (171°C×10min)

Typical Properties		Test Methods	LSI-601/40
Colors		ASTM E 1767	White
Viscosity(A/B)	Pa·s	Share Rate 10s <sup>-1</sup>	85
Specific gravity		ASTM D 792	1.10
Hardness		ASTM D2240	40
Tensile Strength (MPa)		ASTM D412	70
Elongation (%)		ASTM D412	500
Tear strength (kgf/cm)	“B”	ASTM D624 “B”	25
Rebound resilience (%)		ASTM D 1054	65
Flame Retardant		UL 94	V-0
Volume Resistivity (Ohm·cm)		ASTM 257	2.5×10 <sup>15</sup>
Tracking Resistant (KV)		IEC 60587	4.5
Arc Resistant (Second)		ASTM 495	>200

The information and data contained herein are based on information we believe reliable. You should thoroughly test any application, and independently conclude satisfactory performance before commercialization. Suggestions of uses should not be taken as inducements to infringe any particular patent.