

SSP502-55LT

Low Temperature Silicone Shielding Elastomer

PRODUCT DESCRIPTION

The SSP502-55LT is a 55 durometer nickel coated graphite filled low temperature and low outgas silicone elastomer. This product is supplied as ready-to-mold compound, fully cured conductive sheet stock or continuous rolls. The color available is dark gray.

| DATA | Typical Values |
|---|-----------------------|
| Shore A (50-60 range) | 55 |
| Tensile psi (125 minimum) | 155 psi |
| Elongation % (200 minimum) | 300% |
| Specific Gravity (Report) | 1.85 |
| Volume Resistivity ohm - cm (0.04 max) | 0.01 ohm-cm |
| Shielding Effectiveness 20MHZ-10GHZ (E-Field) | > 113 |
| TR-10 °C Low Temp Capability (Report) | -70°C |
| Total Mass Loss (TML) (Report) | 0.15% |
| Collected Volatile Condensable Material (CVCM) (Report) | 0.05% |
| Cure Profile: Compression cure for 15 minutes at 177°C (350°F). Post Cure for 2 hours at 200°C (392°F). | |

CATALYZING

Raw material available catalyzed and ready for press cure molding. Data above was generated with Varox catalyst system.

SHELF LIFE

Uncatalyzed – indefinite, may need freshening after 1-2 years. Catalyzed – 6 months.

Cold storage will extend shelf life.

Cured products – indefinite.

HANDLING & SAFETY

MSDS information is available on request.

For more information visit www.sspinc.com. To order call **(518) 885-8826/** or Fax **(518) 885-4682**.

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