

SSP-555-65E Shielding Silicone Elastomers

PRODUCT DESCRIPTION

SSP-555-65E is a silver filled conductive silicone elastomer. It is nominally a 65 durometer product. It is supplied as fully cured, conductive sheet stock or ready-to-mold compound. The data below was generated using ASTM test method and procedures.

DATA	Typical Values
Shore A (58-72 range)	65
Tensile psi (300 minimum)	550 psi
Elongation % (200-500 range)	325%
Compression Set % (45 max.)	33% (70 hours at 100°C)
Specific Gravity (3.05 – 3.95)	3.15
Volume Resistivity ohm / cm (0.002 max.)	.001 ohm /cm
Color	Tan
Thermal Stability Range	-60°C - 220°C

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.

HANDLING & SAFETY

MSDS information is available on request.



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