



EVS2529

Corrosion Resistant Silicone Shielding Elastomer

PRODUCT DESCRIPTION

EVS2529 is a 68 durometer silicone that is filled with nickel plated aluminum particles. This product is supplied as fully cured, conductive sheet stock, continuous extrusion profiles, or ready-to-mold compound.

Technical Data	Method	Typical Values
Shore A (58- 78 range)	ASTM D2240	68
Tensile psi (150 minimum)	ASTM D412	200 psi
Elongation % (100 min)	ASTM D412	320%
Tear "B" ppi (40 min)	ASTM D624	50
Specific Gravity (1.60 – 2.10)	ASTM D792	2.05
Volume Resistivity ohm / cm (0.150 max)	ASTM D991	0.08 ohm /cm
Thermal Conductivity W/mK	-	1.6
Color	-	Dark Gray
Thermal Stability Range	-	-60°C - 220°C
Shielding Effectiveness 20MHZ-10GHZ	MIL-DTL-83528	110 dB
Galvanic Corrosion 168 Hour Salt Spray	ASTM B117	0.08%

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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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