

# WESSHIELD™ RC350-2130 EMI SHIELDING SILICONE



WesShield™ EMI shielding materials have been specifically designed to be used in the most demanding military and commercial applications. WesShield™ RC350-2130 is a high performance 65 durometer EMI shielding silicone compound that is filled with silver-plated copper particles.

The RC350-2130 shielding compound is either compression molded into custom parts or calendared into flat gasket material for further processing as die cut EMI shielding gaskets. Electrically conductive adhesive can be added to most die cut gaskets.

TYPICAL PROPERTIES	
Property	Value
Shore A (58-72 range)	65
Tensile psi (200 minimum)	240 psi
Elongation % (100-300 minimum)	280%
Tear "B" ppi (30 minimum)	45
Specific Gravity (3.05-3.95)	3.2
Volume Resistivity ohm/cm (0.004 max)	.0009
Color	Tan or Gray
Shielding Effectiveness 20 MHz-10 GHz (E-Field)	>113
Polymer Type	Silicone
Filler Type	Silver Plated Copper (Ag/Au)
Thermal Stability Range	-60°C - 220°C

### FEATURES AND BENEFITS

- Suited for mass production and easy assembly
- Cost effective

### APPLICATIONS

- Provides good attenuation and durable sealing properties.
- Residential, industrial, and commercial EMI gasket applications

### TYPICAL PROPERTIES

- Color: Tan or Gray
- Thermal Stability Range: -60°C - 220°C
- Shore A (58-72 range): 65
- Tensile psi (200 minimum): 240
- Elongation % (100-300 minimum): 280%
- Tear "B" ppi (30 minimum): 45
- Volume Resistivity ohm/cm (0.004 max): 0.0009

### CUSTOMERS ALSO SEARCHED:

- |                       |                          |
|-----------------------|--------------------------|
| form in place gasket  | paste gasket             |
| liquid gaskets        | emi gasket               |
| liquid gasket         | conductive               |
| form in place         | silicone gasket          |
| conductive material   | conductive silicone      |
| form in place gaskets | emi silicone             |
| dispensed gaskets     | emi shielding gasket     |
| dispensed gasket      | formed gasket            |
| form-in-place         | electrically             |
| dispensed gasket      | conductive gasket        |
| conductive gasket     | silver silicone          |
| liquid gasket         | nickel graphite silicone |

MODUS ADVANCED TAKES YOU FROM IDEA TO IGNITION



IDEA



ENGINEERING



SOLUTION



IGNITION



PICK A MATERIAL

LET MODUS CUT IT OR MOLD IT

We are Modus! With multiple locations in North America and China, Modus Advanced, Inc. is a diversified custom manufacturer that converts EMI Shielding, Environmental Gasket Materials, Microwave Absorbers, Acoustic Materials, Thermal Interface Materials and other high performance materials into finished parts. Modus utilizes its 40 years as an established provider of high quality, reliable products to create precisely what customers specify. Innovative processes; custom fabrication utilizing performance materials; an on time delivery record of more than 99% means Modus is well positioned to help your company succeed.

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