

MOSITES #14271 Electrically Conductive Silicone

This compound is a 70 Durometer, platinum cured, silicone rubber compound with excellent electrical conductivity properties.

The physical properties shown below were obtained on 0.080 inch thick molded ASTM samples. They are typical of Mosites #14271-B electrically conductive silicone rubber compound, but they should not be used to set Quality Control Specification minimum requirements.

<u>Typical Physical Properties</u>	
Hardness (Shore A).....	72
Tensile Strength (psi).....	885
Elongation at Break (%).....	177%
Modulus at 100% Elongation (psi).....	567
Tear Strength (ppi).....	93
Specific Gravity.....	1.27
Electrical Conductivity (Ohms per Centimeter).....	5
Compression Set (%)..... (22 Hours at 350°F)	30%
Lower Temperature Flexibility (180° Bend).....	Pass at -100°F
Color.....	Black