

# ***Mosites Rubber Company, Inc.***

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## Physical Properties on Mosites #14274 Electrically Conductive Silicone

The physical properties shown below were obtained on an 0.080 inch thick molded ASTM sample. They are typical of Mosites #14274 but they should not be used to set Quality Control Specification minimum requirements.

Hardness (Shore A).....	53
Tensile Strength (psi).....	947
Elongation at Break (%).....	902%
Modulus at 300% Elongation (psi).....	367
Tear (ppi).....	245
Specific Gravity.....	1.25
Resistivity (Ohms per Square).....	10 <sup>3</sup>

Mosites #14274 is a 55 Durometer, black, electrically conductive silicone compound. In many cases, it can be co-cured with other silicones that have a platinum cure systems.