



Resistivity Testing Service for Conductive and Non-Conductive Materials

OAI Resistivity Test Lab

Answering the growing demand for resistivity testing, OAI is now offering conductive and non-conductive materials testing in their Resistivity Test Lab in San Jose, CA. Tests are completed within ten days of receipt of test sample material, and each test results in a comprehensive report. Resistance is measured in ohms; resistivity is measured in ohms/square (surface resistivity) and ohms-cm (volume resistivity).

About resistivity measurement

A material's resistance is simply defined as its inherent resistance to current flow in ohms. Surface resistivity (or sometimes called sheet resistance) describes the resistance within an area of the sample. To distinguish surface resistivity from resistance, surface resistivity is usually expressed in units of Ω /square.

Conductive Material Testing

- Test equipment used: **Loresta GP Meter**
- Probes: **4 Point Probe Technology**
- Measurement of resistance: **ohms, ohms/sq., ohms-cm**
- Measurement range: **$10^{-6} - 10^{+6} \Omega$**
- **Calculates RCF to give correct readings regardless of shape or size**

Non-Conductive Materials

- Test equipment used: **Hiresta UX Meter**
- Probes: **Circular Ring & 2 Point Probe Technology**
- Measurement of resistance: **ohms, ohms/sq., ohms-cm**
- Measurement range: **$10^{+3} - 10^{+14} \Omega$**
- Voltage range: **1-1000V**
- Compatible with **ASTM 257D**

Pricing and Purchase Details

- Cost: \$400.00 for up to 10 Samples
- \$20.00/sample after the first 10
- Price excludes shipping and taxes
- Turn-around: 10 business days from receipt of material
- Includes Report
- Credit cards accepted

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Loresta GP Meter & Hiresta UX Meter

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