

Resistivity

Principle

Determination of electrical resistivity and conductivity (measurement under Direct Current, DC)

Samples are solid plates, thin films, fluids and greases.

Capabilities

- Insulating materials analysis (ASTM D257/IEC 62631)
- Moderately conductive materials (ASTM D4496)
- Rubber property - Volume Resistivity of Electrically Conductive Products (ASTM D991)
- Electrical resistivity of insulating liquids (ASTM D1169)
- Electrical resistivity of greases

Assets

	Asset	Details
	Keithley 6517B	Electrometer/high-resistance system.
	Keithley 8009	Resistivity Test Fixture for solid plates and thin films along ASTM D257 or ASTM D4496
	Tettex	Resistivity Test Fixture for insulating liquids
	Greases Test Fixture	in-house built for the electrical testing of greases

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