

ABOUT

A world-class research and development center

LOCATION

Carrollton, GA

FOUNDED

1992



WHAT WE DO

FUNCTIONS



Research & Development



Wire & Cable Specification and Compliance



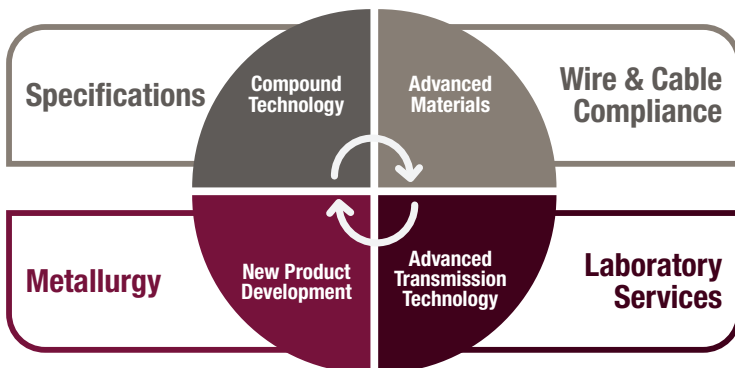
Laboratory Services



Metallurgy

RESEARCH AND DEVELOPMENT SPECIALIZATION

- Fields
 - Chemical
 - Electrical
 - Mechanical
- Focus Areas
 - Compound Technology
 - Advanced Materials
 - Advanced Transmission Technology
 - New Wire & Cable Product Development



ABOUT OUR FACILITY

ACCREDITATIONS

- ISO 17025
- A2LA



4 POLYMER LABS

- Wet Chemistry Lab used for conducting halogen acid gas, hardness, and solvent extraction testing
- Analytical Lab used to identify and characterize insulation, shielding, and jacket materials
- Aging Lab used to test cables for heat, sunlight, weather, oil, and gasoline resistance
- Physical Properties Lab used to determine a wide range of characteristics, including tensile strength, elongation, flammability, and more



COMPOUND EXTRUSION AREA



OVERHEAD CONDUCTOR MECHANICAL TEST LAB



CABLE LIFE TESTING AREA



QUALIFICATION TESTING AREA



HIGH VOLTAGE TEST LAB

- Features a 400kV transformer, torsion tester and an impulse generator capable of generating 1.2 million volts to simulate a lightning strike



METALLURGY LAB