

## ABOUT

A world-class research and development center

### LOCATION

Carrollton, GA

### FOUNDED

1992



## WHAT WE DO

### FUNCTIONS



**Research & Development**



**Wire & Cable Specification and Compliance**



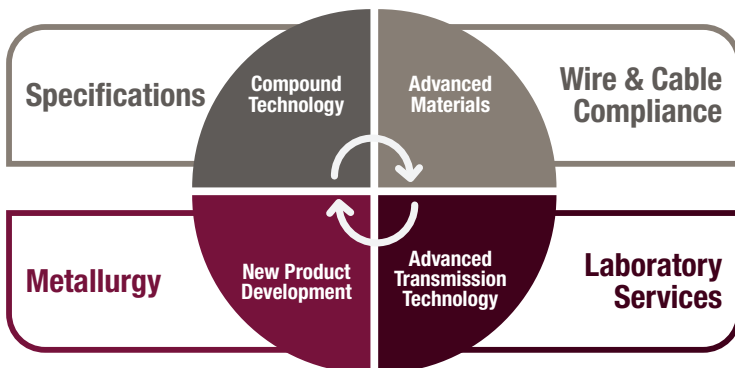
**Laboratory Services**



**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