

GATEWAY UNIVERSITY RESEARCH PARK

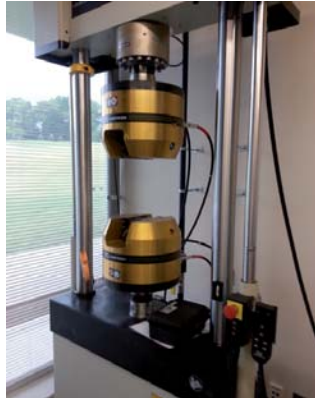


Research Facility One

Gateway Materials Test Center

2901 East Gate City Blvd., Suite G300

Greensboro, North Carolina 27401



The Gateway Materials Test Center (GMTC) is a program of the Joint School of Nanoscience and Nanoengineering (JSNN) administered by Gateway University Research Park. The GMTC specializes in Polymer Matrix Fiber Reinforced Composites and Textiles. GMTC is fully equipped to serve all of your materials testing needs. Located in Research Facility One at Gateway's South Campus in Greensboro, NC, the Gateway Materials Test Center is just minutes from the Piedmont Triad International Airport, a FedEx hub.

ISO 17025 Certified

ASTM • AATCC

Aerospace • Automotive • Textiles
Chemical, Analytical, Physical Testing
State of the Art Equipment
Research and Consulting Services
Emphasis on Quality



Joint School of Nanoscience & Nanoengineering



CONTACT:

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Test Center Manager

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Gateway Materials Test Center Resources

A2 Master Controller (*Vishay Micromeritics A2-MG-8*)
 Balance - Ohaus 0.0001g (*Ohaus Corp DV214CD*)
 Differential Scanning Calorimeter (*Perkin Elmer DSC6000 and TA Instruments DSC*)
 Dynamic Mechanical Analyzer (*Perkin Elmer DMA8000*)
 Dynamic Test System (*Instron 8802*)
 Environmental Test Chamber (*Tenney G-EVO*)
 FIB-SEM (*Zeiss Auriga*)
 FTIR Spectrometer (*Varian 670FTIR*)
 Height Gage (*Mitutoyu HD18AX*)
 Helium Ion Microscope (*Zeiss Orion*)
 Impact Test System (*Instron 9250G*)
 Materials Testing System (*Instron 3384, Instron 5900*)
 TEM (*Zeiss Libra*)
 Thermal Conductivity System (*ThermTest TPS2500S*)
 Thermal Gravimetric Analyzer (*TA Instruments TGA*)
 Vision Measuring System (*Mitutoyu Quick Vision ELF*)
 Walk-In Oven with Cart (*LR Technologies*)
 Waterjet Cutting Table (*Flow International M2-1313b*)



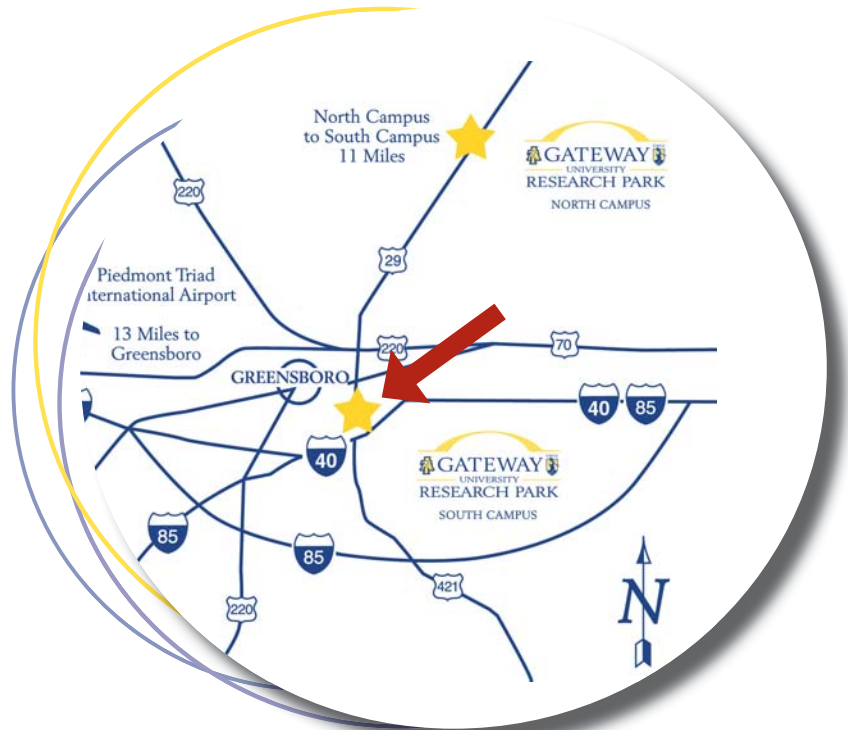
Most Popular Testing Services

Mechanical (-100° F to 650°F environmental)

- Static (Strength & Modulus)
- Fatigue
- Impact
- Environmental Conditioning
- Ultrasonic
- Fracture Toughness

Physical

- FTIR
- Microscopy (SEM, TEM, He Ion)
- XRD
- Mass Spectrometry
- HPLC
- Thermal Analysis
- Volume Fraction Analysis



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