Akron Rubber Laboratory

Compounding Scientist Job Description

Eastman is a global specialty materials company that produces a broad range of products found in items people use every day. With the purpose of enhancing the quality of life in a material way, Eastman works with customers to deliver innovative products and solutions while maintaining a commitment to safety and sustainability. As a globally inclusive and diverse company, Eastman employs approximately 14,500 people around the world and serves customers in more than 100 countries. The company had 2018 revenues of approximately $10 billion and is headquartered in Kingsport, Tennessee, USA. For more information, visit www.eastman.com.

Eastman Chemical Company has an immediate opening for a Compounding Scientist in the Akron Tire Additive Research Facility. The Rubber laboratory functions as both a research and quality control lab for Eastman’s Tire Additives business group. The lab provides operational support to production facilities in the Americas, Europe, and Asia/Pacific regions. The lab works closely with our application research and development teams to provide research support for new product development and quality assurance of our existing products. This compounding scientist position will report to the Characterization group leader.

Responsibilities will include:
- Conduct rubber compounding and other technical experiments and projects
- Lead and participate on technical teams.
- Employ quality process control tools to provide reliable data.
- Possess in-depth technical expertise in rubber testing.
- Work in a fast paced, results-oriented team environment to assist in developing new technologies related to tire industry market.
- Develop new testing capabilities in support of commercial products and processes that may include:
  - Simultaneously operate a variety of analytical instruments to test formulated rubber properties
  - Material testing: including rheological, compositional and mechanical properties.
  - Use industry standardized testing methodologies, including associated software and hardware, to execute the test methods as prescribed.
  - Evaluation of experimental materials and measurement techniques.
  - Assist customers with process optimization and new applications.
  - Develop and document new laboratory procedures.
  - Report data via LIMS, SharePoint, and other electronic forms.
- Work with internal customers in answering technical questions.
- Ability to document experimental work, including writing standard test methods and technical reports.
- Work safely and promote a safe work environment.

Desired Candidate should possess the following:
- B.S. Degree in physical science required.
- Preferred 5+ years experience in polymer testing and compounding.
- Experience working with mechanical compounding and testing equipment.
- Rubber processing experience (mixing, milling) and sample testing for standard rubber physical properties.
- Expertise in ASTM testing procedures.
- Basic knowledge of chemistry and polymer fundamentals.
- Formal training in general laboratory procedures.
- Problem solving (math/science) skills and familiarity with statistical methods of analysis.
- Initiative and the ability to work in a team setting. Clear and effective written and oral communication is essential.
- General computer experience including relevant software knowledge.

Eastman Chemical Company is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, veteran status or any other characteristics protected by law.

Eastman is committed to creating a powerfully diverse workforce and a broadly inclusive workplace, where everyone can contribute to their fullest potential each day. Please apply on-line at https://jobs.eastman.com/job/Compounding-Scientist.