Materials Scientist: Rubber Industry

We are seeking a Materials Scientist to become a key member of our Development and Testing Laboratory. As a Materials Scientist within our organization, you will be the subject matter expert for rubber and plastics material characterization, reporting to the Laboratory Manager. The intent of this position is for the subject matter expert to help develop and enhance material and performance characterization capability enabling differentiation in new formulation development and customer support.

Responsibilities:

• Develop and execute material characterization projects in support of client needs: product de-formulation and product development support, method development and validation, failure analysis and problem solving, structure/property characterization, and material performance evaluation.

• Provide technical direction and support to Lab Chemists, Engineering, Customer Service, and Production Facilities to implement and standardize best practices related to characterization and analysis techniques.

• Advance characterization methods and perform analysis related to material chemical and thermal properties, adhesion, rheology, tribology, and viscoelastic behavior.

• Operate and maintain instrumentation, processes, and methods for solution of technical problems, including DMA, Rheometer, FTIR, TGA, DSC, and others.

• Prepare Client Reports and detailed Laboratory Documentation

• Follow all company policies, procedures, safety rules and safety regulations.

• Ensure compliance with government rules and regulations

Required Experience/Skills:

• Bachelor's in Materials Science or related Polymer Materials field with at least 5 years of related work experience, or equivalent, required

• PhD in Polymer Materials or related field preferred

• Experience in understanding structure/property relationships and material performance characterization related to elastomers and polymers

• Excellent communication, organization, and problem-solving skills

• Proficiency in the statistical design and analysis of experimental data

To apply and for further information, please send resume to:
humanresources@quadion.com