



Location: R&D Facility Houston, TX
Position: **Senior Polymer Scientist**
Reports to: Global Technical Service & Application Development Manager

POSITION SUMMARY:

The Senior Polymer Scientist will develop a fundamental understanding of polyvinyl alcohol structure-property relationships in order to develop new products and applications. This position will be critical to our success in transforming from a commodity chemical company to a specialty chemical company.

Duties and Responsibilities

- Maintains and promotes a safe work environment, complying with safety policies and procedures.
- Independently develops patentable concepts involving polyvinyl alcohol to generate intellectual property for the company.
- Participates in global, cross-disciplinary teams focused on commercialization of new business
- Provides technical support to customers in the application of polyvinyl alcohol products.
- Captures all relevant data in laboratory notebook and creates concise reports and presentations of technical projects and experiments.
- Documents results of research activities so that findings can be leveraged throughout the company.
- Be the Technical lead on multiple growth projects simultaneously.
- Become a subject matter expert in multiple application areas, including adhesives, construction, packaging and water soluble films.
- Maintain the confidentiality of proprietary information.

Qualifications

- Masters Degree or Higher (Ph.D. preferred) in Chemistry, Polymer Chemistry, Chemical Engineering or related physical science from an accredited university.
- Demonstrated work experience and/or publication record in polymer science.
- Ability to work effectively in teams, in diverse groups and with other cultures.
- Ability to travel both domestically and internationally.
- Excellent verbal and written skills and team-work orientation to be displayed both internally and externally with customers and suppliers.
- Understanding of polymer characterization techniques.
- Self-motivated and able to work independently with minimal supervision.
- Formulation Experience with water soluble polymers or Demonstrated Proficiency to acquire this skill.

Desirable

- Minimum 5 Years Industrial Experience
- International Experience
- Japanese Language Proficiency
- Fundamental Understanding of Polymer Structure-Property Relationships.
- Understanding of polymer synthesis and demonstrated capability of synthesizing new materials.
- Minorities and Female Candidates Encouraged to Apply