



TITLE:	Scientist
DEPARTMENT:	Technology
LOCATION:	West Groton
REPORTS TO:	Carrie Liu
FLSA STATUS:	Exempt
DATE:	Oct 24, 2018

SUMMARY:

Participates in research and development activities linked to new product initiatives using established mathematical and scientific techniques.

ESSENTIAL FUNCTIONS AND RESPONSIBILITIES:

- Work directly with Customers, Sales & Marketing to develop new products for existing markets identified by the business units.
- Assist Business Units (Sales & Marketing) with technical service in the selection of existing grades capable of meeting stated technical & processing requirements.
- Provide technical guidance to management, Business Unit (sales & marketing), customers and manufacturing on new and modified product development efforts.
- Work with manufacturing, purchasing and technology on Margin Improvement Programs (MIP). Participate in new advanced projects through cross-functional teams.
- Develop expertise in appropriate media technology, as necessary to plan, execute and evaluate laboratory and machine-based trial programs, using the Design of Experiments methodology.
- Lead product or process development projects by using appropriate DFSS/DFM tools and InnoHVision process.
- Keep abreast of relevant industry, applications and materials technology trends through literature, seminars, market contacts, and benchmarking.
- Supervise and manage laboratory technicians to develop their technical and personal skill base to maximize growth potential.
- Provide technical reports and presentations to internal and external project stakeholders
- Interface with customers effectively.
- Understand the relevant end use application.
- Patent novel inventions.
- Communicate plans and results effectively.



EDUCATION AND EXPERIENCE:

- MS degree in Chemistry, chemical Engineering, Polymer or Material Science plus two years relevant work experience, OR
- Ph.D. in Chemistry, Chemical Engineering, Polymer or Material Science.
- Knowledge of H&V process, products, application and raw materials.
- Six Sigma Green Belt.
- Demonstrates strong leadership, project management, time management and communication skills.
- Demonstrates scientific acumen.
- Exhibits courage and candor.

PHYSICAL REQUIREMENTS AND ENVIRONMENT:

- Work requires repetitive motion of arms/hands, standing for prolonged period, performing frequent bending and twisting motions, lifting of light weight objects, which may potentially result in musculoskeletal stresses.
- Steady hands and dexterity to perform tasks repeatedly and accurately.
- Work performed in laboratory environment with potential exposure to hazardous materials.
- Work performed in production area with potential exposure to large equipment/machinery and loud noises.
- Work performed in office area with potential long hours in front of computer.
- Work requires 15-20% annual business travel.

CONTACT:

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