Senior Mechanical Engineer-00006702

Description

- Provide technical leadership in all areas of polymer sheet extrusion processes
- Develop in-depth expertise, and ownership of, mechanical design for sheet extrusion manufacturing processes and equipment
- Contribute to developments for new and improved Saflex sheet processes
- Formulate, advocate, and implement novel concepts for improved Saflex products, sheet manufacturing processes and resin resin manufacturing processes
- Support plant operations toward productivity and quality improvement initiatives
- Coordinate with Sheet and Resin Development teams to develop and execute test plans

Qualifications

- Minimum required degree is Masters in Mechanical Engineering, though Ph.D. is preferred
- The ideal candidate has an accredited degree in mechanical engineering with experience in polymer processing.
  - Knowledge of polymer material science, solid state properties, rheology, fluid mechanics is an asset
- Strong technical design and development skills are required.
  - Expertise with CAD / CAM software preferred
  - Experience with modeling 3D CAD, FEM/FEA, or CFD) for polymer forming processes and equipment preferred.
  - Experience with the analysis and validation of simulation predictions preferred.
- Though not required, 3-5 years of industrial process design and implementation experience is also preferred.
- A suitable candidate will possess the following skills:
  - Communication:
    - Provide written proposals, plans, reports
    - Communicates routinely with internal customers, suppliers, and vendors
  - Contribution:
    - Plans and executes projects with broad guidance, assesses consequences, suggests follow up
  - Initiative & Implementation:
    - Identifies opportunities for department, proposes solutions, initiates actions
    - Applies a professional approach to complete projects in structured and timely manner
  - Judgment:
    - Selects preferred option methodically after considering alternatives
    - Anticipates problems, takes judicious risks

Eastman Chemical Company is an equal opportunity employer. M/F/Disability/Vet

Eastman Chemical Company is an E-Verify employer.

Job: Engineering
Primary Location: US-MA-Springfield
Schedule: Full-time
Eastman Chemical Company
Solutia subsidiary, Springfield, Massachusetts
Mechanical Engineer, Research position

Eastman Chemical Company has an immediate job opening for a mechanical engineer, seeking high quality candidates having a Masters or Doctorate degree in Mechanical Engineering with some experience in equipment design and/or modification for polymer processing for a research position in our Interlayers Technology Division. Eastman invents and develops new products and processes to prepare materials useful in laminated glass for automotive and architectural applications including products having acoustic damping, with controlled optical properties for heads up display, for solar control, or stiffness for structural applications.

A suitable candidate for this position will be expected to:

• Provide technical leadership in all areas of polymer sheet extrusion processes
• Develop in-depth expertise, and ownership of, mechanical design for sheet extrusion manufacturing processes and equipment
• Contribute to developments for new and improved Saflex Interlayer sheet processes

This position is within our Solutia subsidiary and located in Springfield, Massachusetts

Interested candidates must apply to Job Number 6702 through the website www.eastman.com