

Title: Film Extrusion Materials Engineer

Location: Greenville, SC, Indianapolis, IN, Lexington, KY, or
Minneapolis, MN

Salary Range: \$90,000- \$110,000 plus a 10% bonus

Degree: B.S. / M.S. Degree in Chemical, Mechanical or Polymer
Science/Engineering [?](#)

Preferred Experience:

Minimum of 3 years' experience in film development or
process engineering, Highly prefer Polyethylene knowledge


Experience working with coex blown and/or cast film equipment
and product development. [?](#)


Willingness to travel 30-50% of the time [?](#)

Position description:

The Engineered Materials Division has an immediate need for a
Materials Optimization Engineer/Scientist to support our Converter,
Specialty, and Industrial businesses plus Food Films business.
This engineer/scientist drives cost reduction and alternate
material/formulation activities for both new and existing programs.
Responsibilities include solution development, feasibility assessment,
prototype development and assessment, manufacturing scale up, and
commercialization. Will work closely with other development
engineers, product management, operations, management team and
purchasing to create projects and take them thru to completion with
technically strong solutions.

Competencies Required

 Requires a solid understanding of resins used in all
forms of film extrusion and the film extrusion equipment used to
create coex film products. [?](#)

 Requires supplier interaction with technical support
to stay current with new and existing polymer systems, market films,

processing and converting equipment, physical property testing techniques, and packaging equipment. ☐

🎬 Ability to manage multiple projects, including planning, time lines, weekly communication, and key project updates. Comfortable with managing changing priorities ☐

🎬 Excellent analytical skills and strong planning/organizing skills ☐

🎬 Ability to effectively communicate/present findings to a wide variety of audiences ☐

🎬 Knowledge and use of Six Sigma tools for analyzing data ☐

Primary Job Functions

- Work closely with product management, commercial team and customers to identify new product opportunities, capture Critical to Quality (CTQ) attributes and translate such to launch development programs.
- Develop various film families including stretch films, shrink film, custom film, bags and agricultural films. Primary focus will be stretch film research and development.
- Initiate development programs and demonstrate feasibility by generating samples and data.
- Generate innovative ideas/concepts that could lead to active development programs; with ultimate goal of commercialization.
- Provide manufacturing facilities support in the identification and qualification of alternate resins and improved efficiencies.
- Work closely with manufacturing and commercial teams to ensure successful transition of programs/products to commercialization.
- Assist customers with their needs to evaluate, approve and implement new product launches.