

Chemical Engineer/Coating Scientist

Reporting to the Research Director for Ink Component Research, this position is responsible for developing a framework of understanding that results in the required combination of coating materials properties and coating process innovations to support future display projects. This individual will be a member of a team responsible for developing new electronic paper display platforms and materials for external and internal customers.

Job Responsibilities

- Understand structure-property relationships associated with dispersion and solution rheology
- Conduct experiments to investigate rheology of complex fluids
- Knowledge of wide range of coating application methods
- Model fluid dynamic behavior to optimize coating performance
- Conduct pilot coatings to verify recommendations
- Aid in developing robust, manufacturable routes to practical formulations and provide guidance to Development, Pilot and Operations to implement improved E Ink products
- Plan, schedule and execute experiments
- Analyze, present and document the results
- Remain current on the latest developments in polymer science, coating and rheology

Qualifications

- MS or Ph D. in Chemical Engineering, 0 - 8 years of industrial experience
- Familiarity with rheological and mechanical measurement techniques
- Knowledge of design of experiments
- Must have excellent written and verbal communication skills, a strong sense of urgency and a performance metrics-driven style
- Must have sound analytical skills, attention to details, and strong problem solving skills
- Creativity to invent and create intellectual property
- Ability to effectively contribute in a high performance team environment
- Experienced in collaboration with vendors

Contact

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E Ink offers a competitive salary, including stock options, outstanding benefits package and the professional advantages of joining a successful, high profile startup company. We are an equal opportunity employer.