



We are looking for a dedicated individual to join our team as soon as possible as a
Material Development Engineer, Formulation Scientist (m/f/d)

Your role

In this position, you will be responsible for developing innovative material formulations and supporting in the reliability testing of existing and new materials/processes in the field of photonic integration and packaging.

Your tasks

- Develop innovative materials for 3D-printed micro-optical elements from initial lab explorations to validation and commercialization
- Perform material characterizations at the assembly level to support corrective actions in formulation development and related processes
- Enhance and develop advanced characterization techniques to investigate property-structure relationship, to study process parameters, and to analyse product failure modes
- Generate data reports for process and product qualifications
- Provide support to cross-functional teams to ensure compliance of materials and processes reliability with industry standards and customer expectations

Your profile

- Bachelor, Master or PhD degree in Chemistry, Chemical Engineering, Polymer Science, Material Science or related field
- Solid understanding in polymer chemistry and polymer physics
- Technical expertise in resin/polymer formulation development including a wide range of high-performance materials: acrylate, urethane, epoxy, siloxane, etc.
- Experience in process optimization and new product development
- Experience in data analysis using statistical software (Design of Experiments)
- Able to work independently in cross-functional teams
- Excellent proficiency in English

Your application

Please send us your detailed application with curriculum vitae, references, certificates, and salary requirements by e-mail to jobs.vanguard@mycronic.com.

