



OPPORTUNITY FOR JOB

CONTACT

If you are interested, please apply by sending your candidacy supporting documents at info@biog3d.gr

JOB DESCRIPTION

3D PRINTING MATERIAL ENGINEER

Optimize processes for Additive Manufacturing (AM) technologies, involving new materials. Experimental development, quality analysis and formulation optimization of polymeric materials and additives for 3D printing applications.

Job's profile:

- Develop high performance resins and photopolymer formulations for 3D printing;
- Develop high performance thermoplastic filaments for 3D printing technologies;
- Benchmarking against commercial feedstock in terms of performance, both in printing and in properties of the final material;
- Collaborate with multidisciplinary team for printing performance optimization;
- Hands on operation of AM systems, troubleshooting and process development;
- Maintain a broad knowledge of state-of-the-art AM technologies & equipment and applications to meet functionality requirements;
- Participate in projects, assist in day-to-day technical implementation activities, reporting and attend project meetings;
- Organized and methodical with a creative approach to solving R&D problems;
- Open and collaborative approach in all areas of responsibility.

Basic qualifications:

- BSc Chemical Engineering, Material Science & Engineering, Chemistry or similar;
- Fundamental understanding of AM processes and material relationships and related applications;
- Expertise in formulating a wide range of high-performance polymers: acrylate, urethane, epoxy, silicone, rubbers, plastics;
- Experience in developing materials for 3D printing, especially photopolymers for stereolithography (SLA) and high MW thermoplastics for extrusion AM;
- Excellent communication skills and English proficiency.

Preferred Skills and Qualifications:

- MSc Degree or Advanced Studies in Materials' Synthesis and Technology;
- 2+ years hands-on experience in R&D polymeric/composite materials processing;
- High level of analytical capability across a range of thermomechanical and spectroscopic methods;
- Project management and reporting previous experience;
- Familiar with Design of Experiments (DOE) and process optimization.

What we offer:

- International working environment;
- Early responsibilities within innovation projects, opportunity to learn & progress;
- Stimulating scientific environment;
- A dynamic environment with enthusiastic colleagues;
- A high degree of responsibility and independence;
- A competitive remuneration package (Depending on relevant background and experience).

Candidates must enclose the following supporting documents in pdf format:

- Cover letter in English;
- Curriculum Vitae in English;
- Transcripts of all relevant academic degrees;
- At least one recommendation letter.