

Internship 3D printing

FERONYL, based in Mouscron since 1950, is specialised in injection moulding and manufacturing polymer & composite components for the civil engineering, defence, aerospace and medical sectors

Task

- Carry out bibliographical research on the 3D printing process (key parameters, rheological behaviour of the material, etc.)
- Develop an experimental design & optimise the quality of the printed part
- Characterise parts after 3D printing (dimensional and density measurements)
- Study the repeatability of the process on different materials and geometries
- Critique, analyse results and suggest ways of improving them

Skills required

- M1 or M2 students specialising in physical chemistry or materials science/engineering
- Interest in experimentation
- Knowledge of statistical calculations

Why choose us?

- Working on next-generation products for the aerospace and defence industries
- Exciting and stimulating projects
- Pleasant environment

