



**Technische Universität Berlin**



## Research Assistant - salary grade 13 TV-L Berliner Hochschulen

Part time employment may be possible

**Faculty III - Process Sciences, Faculty III - Institute of Materials Science and Technologies / Department of Ceramic Materials**

**Reference number:** III-321/25 (starting at the earliest possible / limited until 31/07/2027 / closing date for applications 22/08/25)

### Your responsibility:

Collaboration in an interdisciplinary research team for thermoplastic fiber composites in the field of 3D printing. The area of responsibility includes the analysis of carbon fiber surfaces, the selection and analysis of thermoplastics and additives, and the analysis of the manufactured fiber composites. The position is located in the Additive Manufacturing of Composite Materials working group.

There is the possibility of pursuing a PhD.

### Your profile:

- A successfully completed university degree (master's, diploma, or equivalent) in materials science, plastics engineering, chemical engineering, or a related discipline
- Proven practical experience in the processing and analysis of thermoplastic polymers with a focus on additives (antioxidants, flame retardants, crosslinkers)
- Proven knowledge of fiber composite materials and their characterization
- Basic knowledge of additive manufacturing, in particular FDM
- Good knowledge of German and/or English required; willingness to acquire the respective missing language skills
- Proven experience in the analysis of carbon fiber surfaces is an advantage
- Proven design experience is an advantage
- Ability and desire to work independently is desirable
- Willingness to collaborate on the group's experimental projects is desired

### How to apply:

Please send your application exclusively by e-mail to **bewerbung@keramik.tu-berlin.de**, quoting **the reference number**. The application documents (merged in a SINGLE PDF document, max 10 MB) must include (1) a cover letter (max 1 page), (2) curriculum vitae (max 2 pages), (3) certificates and (4) a statement (max 1 page). In your statement (no. 4) you must demonstrate how you meet the above qualifications (required and desirable) (e.g. through theses, professional and private projects, publications, links to platforms such as Github or similar).

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guarantee for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: [https://www.abt2-t.tu-berlin.de/menue/themen\\_a\\_z/datenschutzerklaerung/](https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/).

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored. The TU Berlin values the diversity of its members and is committed to the goals of equal opportunities. Applications from people of all nationalities and with a migration background are very welcome.

The vacancy is also available on the internet at:  
<https://www.jobs.tu-berlin.de>

