

The Polymer Competence Center Leoben GmbH (PCCL) is the leading Austrian center for cooperative research in the field of polymer technology and polymer science. In collaboration with companies in the polymer industry and numerous academic institutions, our around 100 highly-qualified employees jointly work in R&D projects on innovative polymer solutions for a wide range of applications, including the whole rubber composite process chain from the materials design, over processing to material characterization. We currently aim to strengthen our team and offer a

Master thesis position (f/m/x) in the field of “Non-toxic and biobased additives for rubber compounds” (JOB ID 20260202)

Tasks

- Literature research on non-toxic and biobased additives for rubber compounds, aiming specific mechanical properties, such as hardness
- Compounding of rubber compounds containing the selected non-toxic and biobased additives
- Characterization of the developed rubber compounds in terms of flow and curing behaviour in the non-crosslinked state
- Characterization of the cured rubber compounds in terms of physical, mechanical, dynamic, and chemical properties
- Application of appropriate data analysis methods, including statistics
- Report of findings as scientific contributions, such as posters, peer-reviewed articles, and Master thesis

Required skills

- Applicant should be enrolled in a Master program in Polymer Engineering, Materials Science, Chemistry, or a related field at a university or university of applied sciences
- Interest in chemistry and polymer processing
- Ideally, experience in rubber technology and polymer characterization
- Good knowledge of English language

We offer

- Collaboration in a highly-motivated multi-disciplinary team with excellent contacts to industry as well as to national and international research organizations
- On-site location: Leoben
- Working hours: 20 hours per week or as agreed (remote work by arrangement when feasible)
- We offer a gross monthly salary of €1340 (20h per week)
- Flexible working conditions
- Start of employment – 01.03.2026
- We aim to increase the number of women in our organization and would be happy to fill this position with a female researcher
- We value diversity and therefore welcome all applications - regardless of gender, identity, nationality, ethnic and social origin, religion/belief, disability, age or similar

Contact

Please send your application (motivation letter, CV) along with copies of your certificates and diplomas to jobs@pccl.at, indicating the Job-ID 20260128. If you have any technical questions regarding the job advertisement, please contact Dr. Maurício Azevedo, mauricio.azevedo@pccl.at.