

As one of the world's leading compounders of thermoplastic polymers, MOCOM Compounds GmbH & Co. KG offers the plastics processing industry a comprehensive range of high-performance products, customised compounds and recycling solutions. With 50 years of tradition as a former division of ALBIS PLASTIC GmbH, MOCOM employs over 750 people worldwide at three German sites as well as in the the USA and China.

Your responsibilities:

- You review and assess the current state of the art regarding stress cracking in polymers, providing a solid foundation for the project.
- You independently plan and conduct injection molding trials with various MOCOM compounds to gain practical insights.
- You initiate, coordinate, and analyze the relevant material and component tests necessary for a comprehensive evaluation.
- You validate a suitable testing method that can reliably evaluate stresses in lighting components.
- You prepare a detailed final report in which you analyze causes, identify critical influencing factors, and develop concrete suggestions for failure prevention.
- You present your results to the team, making a direct contribution to the further development of our materials and applications.

Your profile:

- You are an enrolled Bachelor's or Master's student in engineering, ideally in mechanical engineering, plastics engineering or materials science.
- The position can also be completed as part of a practical semester or a thesis (Bachelor/Master).
- You have basic knowledge of plastics, their properties, and processing technologies.
- You work very independently, in a structured and goal-oriented manner, and enjoy finding well-founded solutions to technical questions.
- You are a team player, enjoy working on projects and at interfaces with other departments, and impress with your trustworthy manner and initiative.
- You are proficient in MS Office, especially Excel and PowerPoint.
- Very good English skills, both written and spoken, complete your profile.

MOCOM is a company of the Otto Krahn Group. With an annual turnover of approx. € 1.1 billion, the family-owned group of companies is represented by around 1,600 employees at 39 locations worldwide. Become part of our team! MOCOM values cooperation and friendly interaction. We promote equal opportunities and respect our employees as individuals with different cultures, perspectives, skills and experiences. Our goal is to work together to shape and advance the exciting future of the plastics industry in a sustainable and responsible manner. Interested? Then we look forward to receiving your application via the "Apply now" button, stating your salary requirements and availability.

MOCOM Compounds GmbH & Co. KG Mühlenhagen 35 ·
20539 Hamburg
Talent Acquisition · Telefon: +49 2252 9406-79
www.mocom.eu

MOCOM

[Apply now](#)

