

Polymer Chemist R&D (m/f/d)

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Move the world and work with us on the future of electric mobility. DAIKIN Chemical Europe GmbH as part of the global DAIKIN group (founded in Osaka, Japan) strives to contribute to society with innovative and sustainable technology. In our new innovation laboratories with an international interdisciplinary team and unique infrastructure we are working on technologies that matter. Let's build the future together!

Assignment

Join the R&D team in the Advanced Battery Materials group in the EU-funded project ASTRABAT to develop in a multi-national project the next generation lithium ion battery with novel solid electrolyte components and formulations. In this position we are looking to recruit a

Polymer chemist or equivalent for synthesis and comprehensive characterization of polymer electrolyte components for all solid state batteries

Main responsibilities

- Development and synthesis of the polymer for the polymer electrolyte system
- Cooperation with internal and external partners
- Participation in regular project meetings with the involved partners from industry and universities
- Characterizing properties of polymers using various analytical methods, e.g. thermal (TGA, DSC), chromatography (GC-MS, GPC, HPLC), spectroscopy (Raman, FTIR, UV-VIS-NIR) and physicochemical (rheology, water content)

Skills & Requirements

- University degree (MSc or PhD) in chemistry or chemical engineering or equivalent
- Solid knowledge and practical experience in polymer synthesis and polymer processing

- Experience in scale-up synthesis at the laboratory scale
- Experience in characterization of polymers
- Demonstrated dedication and enthusiasm about identifying and solving scientific problems
- Fluent in spoken and written English, German a plus
- Ability to work well with others in a team environment, as well as independently
- Experience working with international colleagues and customers

Position

- Place of employment: Münster (Westfalen) / Dortmund
- The position is initially limited to 3.5 years (project duration, project beginning 01.01.2020)
- Full time employment

Our offer

- Small and motivated scientific team in a global corporation
- Many possibilities to grow inside our corporation
- People-centered philosophy, your growth is our growth
- Attractive benefits and conditions

Your application

We look forward to receiving your application including a cover letter, your resume, certificates as well as your salary expectations and your notice period. Become part of our Team - apply now!

Contact Us:

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DAIKIN Chemical Europe GmbH promotes equal opportunities and diversity in its employment relations.

Find out more about us here: www.daikinchem.de

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