

Material Developer in Material Platform - Barrier

Your tasks

POSITION

- Keep up to date and share new knowledge on the state of the art by researching new materials and processes.
- Scouting of new raw materials (polymers, fillers, and additives) and integration of new and existing raw materials into new and existing compounds to ensure that process and design requirements are met, including performance, function, and sustainability.
- Ensure that all raw material data is available to use alongside compound recipe data in the chemical recipe management system. Manage material change requests and testing according to trigger matrix.
- Create specification of a processable rubber compound meeting properties for the product (align with process and product design).
- Design experiments in terms of formulation for compounding trials, evaluation of results and documentation. Authorize the compounding experiments in laboratory and production mixing centers or externally, after ensuring that safe processing will be achieved.
- Identify correlations between material characterization and product performance/testing.
- Select the right testing tools for material characterization (standard techniques and request to test method development and validation) including root cause analysis in terms of reclaims.
- Conduct material benchmark analysis (e.g., competitors) - ensure audit-compliant specification (formulation, material parameters) and contribute to FMEA processes.
- Ensure conformity to rules and (customer) standards as well as legislation for platform materials (e.g., FDA, ESH, REACH)- consider sustainable material solutions (renewable & recycled feedstock, degradable materials, substitutes with lower carbon footprint).

WHY YOU SHOULD APPLY

- Immediate Benefits
- Paid Time Off
- Tuition & Employee Discounts
- Annual Bonus
- And more benefits that come with working for a global industry leader!

Your profile

BASIC QUALIFICATIONS

- Bachelor's degree in chemistry, Material Science, Polymer Science, or related area and a minimum 2 years of professional experience required.



Job ID
REF52590B

Field of work
Research and Development

Location
Fairlawn

Leadership level
Leading Self

Job flexibility
Hybrid Job

Legal Entity
ContiTech USA, Inc.

- Minimum 4 years or more experience if no relevant bachelor's degree.
- Experience and knowledge in material development.
- Prior experience within a lab environment.
- Familiar with testing and testing processes for rubber material and rubber product related materials.
- Legal authorization to work in the U.S. is required. We will not sponsor individuals for employment visas, now or in the future, for this job opening.
- Continental is not able to pay relocation expenses for this opportunity.

PREFERRED QUALIFICATIONS

- Project management experience
- Cross-functional experience for > 2 years or at least good cross-functional understanding and experience in Project Management (Planning, Leading, Monitoring, Risk management)
- Experience working on worked international teams.

Our offer

All your information will be kept confidential according to EEO guidelines.

EEO-Statement:

EEO / AA / Disabled / Protected Veteran Employer. Continental offers equal employment opportunities to all qualified individuals, without regard to unlawful consideration to race, color, sex, sexual orientation, gender identity, age, religion, national origin, disability, veteran status, or any other status protected by applicable law. In addition, as a federal contractor, Continental complies with government regulations, including affirmative action responsibilities, where they apply. To be considered, you must apply for a specific position for which Continental has a current posted job opening. Qualifying applications will be considered only for the specific opening(s) to which you apply. If you would like to be considered for additional or future job openings, we encourage you to reapply for other opportunities as they become available. Further, Continental provides reasonable accommodations to qualified individuals with a disability. If you need assistance in the application process, please reply to Careers@conti-na.com or contact US Recruiting at 248.393.5566. This telephone line and email address are reserved solely for job seekers with disabilities requesting accessibility assistance or an accommodation in the job application process. Please do not call about the status of your job application, if you do not require accessibility assistance or an accommodation. Messages left for other purposes, such as following up on an application or non-disability related technical issues, will not receive a call back.

Ready to drive with Continental? Take the first step and fill in the online application.

About us

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2023, Continental generated preliminary sales of €41.4 billion and currently employs around 200,000 people in 56 countries and markets.

ContiTech is one of the world's leading industry specialists. The Continental group sector offers its customers connected, environment-friendly, safe and convenient industry and service solutions using a range of materials for off-highway applications, on rails and roads, in the air, under and above the ground, in industrial environments, for the food sector and the furniture industry. With about 42,000 employees in more than 40 countries and sales of some 6.8 billion euros (2023), the global industrial partner is active with core branches in Asia, Europe and North and South America.

Are you ready to shape the future with us?