



KEMET is a leading global company with an excellent reputation in the capacitor industry. Our vision is to be the world's most trusted partner for innovative component solutions. We are talent oriented, we believe the math must work, we demand speed, we provide unparalleled customer experiences, we exhibit ethics and integrity, we require no politics, we stand as One KEMET, we lead material innovation, we protect our environment. Our mission is to help make the world a better, safer and more connected place to live.

**We want to attract individuals with a global mindset who are innovative thinkers and who have a passion for performance excellence. We are looking for self-motivated, proactive individuals with a good sense of professional responsibility and work ethics for the position:**

### **R&D Material Engineer**

#### **Job Responsibilities:**

- Developing, modifying, testing and evaluating materials
- Providing technical advice about the suitability of materials
- Diagnosing faults analysis
- Competitors' product analysis
- Overseeing operational quality control processes
- Liaising with suppliers, customers and manufacturing/development staff
- Adopt the "Stage & Gate" development process
- Implementation and Research of new materials and new processes for New Products
- Design and realization of the prototypes and samples
- New material qualification
- Existing technologies analysis for new patents
- Collaboration with the Product Engineer on the Design FMEA and Process FMEA
- New Materials approval (Internal and customer)
- Support for Pre-production with the performance's capability and yield analysis
- Support for production process definition and improvement
- New material implementation cost analysis
- Definition and updating of the technical documentation
- Support the process and product industrialization using the new material, according to the Company procedures
- Transfer the New Material and Process to the Process Engineer
- Support on failure analysis
- Collaboration with University or external Laboratory

#### **Required qualifications and skills:**

- University degree in Materials Sciences - Chemistry or Physics
- 3-5 years as material developer/designer (plastic or resin) is an asset
- Strong knowledge of science and engineering of materials, analysis and process
- Knowledge of polymers
- Ability to make logical decisions based on adequate data analysis
- Ability to apply fundamental theories in real engineering problem solving
- Knowledgeable about various materials test techniques



- Hands on experience with measurement tools related to thin film analyses
- Strong English - Multilingual is an asset
- Microsoft Office, added design tool knowledge
- Strong communication and organizational skills needed for interfacing with suppliers and customers
- Availability for business trip

If you are interested in the position responsibilities and you are confident with required qualifications and skills, please send your application (**CV and Cover Letter**) to: [macedoniacv@kemet.com](mailto:macedoniacv@kemet.com) with subject line **R&D Material Engineer/your name and surname** by **May 6, 2020**.

Only shortlisted candidates will be contacted.

The job applications will be kept in our database for one year.