

**Job Title:** *Process Engineer (Extrusion specialist for thermoplastic elastomers)*

**Department:** *Process Engineering*

**Location:** *Maintal (Germany) or Pilica (district Zawiercie)*

**Job summary:**

*With your strong technical background in the automotive or engineering sector and experience in the design of plastic/elastomer components, you are responsible for the extrusion process management including development in cooperation with Design Engineers. Job is focused within the product group of Cooling Water Systems (CWS) in order to meet the needs of our customers throughout Europe.*

*Assignments are usually requiring initiative, excellent problem-solving skills. Knowledge in extrusion of various TP materials, especially thermoplastic elastomers, along with experience manufacturing are key areas that will set apart potential candidates. Experience working for Automotive sector of Cooling systems is a candidate success factor.*

**Duties and Responsibilities:**

- ✓ *Works directly with manufacturing management teams to assess business needs and determine appropriate courses of action in yarn manufacturing processes and technology requirements and/or modifications, product and process quality standards, cost control initiatives, production automation, etc.;*
- ✓ *Has critical project technical leadership responsibility for key division manufacturing projects and/or initiatives that range from medium to high scope of complexity and diversity, requiring a high degree of technical and professional competence.*
- ✓ *Directs the efforts of project and work teams to accomplish related task and assignments.*
- ✓ *Develops solutions to a variety of complex problems, requiring independent judgment creativity and ingenuity to solve. Responsible for all facets of solution implementation relative to designing, developing, planning, and executing improvements to manufacturing processes.*
- ✓ *Review of process systems, machine design, control technology selection and automation.*
- ✓ *Responsible for developing, documenting and communicating manufacturing processes; continually monitor and revise processes to generate cost savings, and improve quality and efficiency. Ensures that quality functions are incorporated into the process to provide the means of consistently producing quality products.*
- ✓ *Accountable for the timely response to manufacturing difficulties, to troubleshoot possible causes and coordinate activities of maintenance, contractors, production and other available resources to implement cost effective solutions, scrap/waste reduction, downtime, etc; anticipates possible manufacturing problems and administers corrective action beforehand.*
- ✓ *Responsible for new process development from concept, to development, implementation, testing and performance assessment; responsible for project/initiative business case justification, manufacturing feasibility and evaluating necessary capital expenditure and cost benefit analysis.*

- ✓ *Works with manufacturing and quality management teams to evaluate vendor capability to provide required products, services, raw materials, supplies, etc.; stays abreast of industry and technology trends and best practices; identifies new vendor processes that may provide value and better efficiencies to manufacturing processes, conducts test to qualify new processes and ingredients for our products.*

**Qualifications:**

- ✓ *Experience in extrusion of thermoplastic elastomers is mandatory.*
- ✓ *Experience in process development made by the technology of extrusion and injection moulding*
- ✓ *Formal education in mechanical engineering, automotive, material science or similar*
- ✓ *Experience and knowledge of extrusion and injection moulding materials and production processes (injection moulding, extrusion) is advantageous*
- ✓ *Minimum three years' experience in process management and extrusion thermoplastic components (preferably for automotive applications)*
- ✓ *Team spirit, creativity*
- ✓ *Familiar with automotive processes such as APQP and D-FMEA*
- ✓ *Good English language skills*

**Work Environment:**

- ✓ *International technology and market leader in Engineered Joining Technology*