General-EP (General Engineering Plastic) Materials R&D

Job Information

Hiring Company
LOTTE Chemical Corporation

Job ID
1624095

Industry
Chemical, Raw Materials

Company Type
Large Company (more than 300 employees) - International Company

Job Type
Permanent Full-time

Location
Korea, South

Salary
8 million yen ~ Negotiable, based on experience

Work Hours
Flexible hours (min. 4 hrs/day; fixed monthly hours)

Holidays
Annual paid leave, summer leave, public & special holidays

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General Requirements

Minimum Experience Level
Over 6 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Basic Level

Minimum Education Level
Post Grad Degree (PHD/MBA etc)

Visa Status
No permission to work in Japan required

Job Description

≪Job Description & Position Highlights≫

- Lead the development of next-generation EP materials, customized material design, performance enhancement, and application expansion for high-growth industries
- Create innovative material solutions targeting emerging sectors such as AI data centers, electric vehicles, and robotics, driving future business growth
- Leverage expertise in polymer chemistry and extrusion processes to develop new applications, expand customer collaborations, and strengthen market competitiveness
- Work in a global technical environment, with opportunities to collaborate across marketing, sales, and application

development teams

【Job Responsibilities】
< Key Roles >

- Planning and developing new materials for high-growth industry targets
- Customized material design for existing EP technology-based applications
- Development of EP material property and process window expansion
- Technical structuring of new application requirements
- Expand customer co-development and application of EP materials
- High value-added conversion and portfolio restructuring of existing EP Grade
- Establish competitive EP material benchmarking and application strategy
- Development of EP Solution in connection with marketing, sales, and AD

■ **Purpose of Recruitment**
Development of future growth EP materials (heat resistance 100-150°C) to enter high- growth industries

【Employment Type】
Permanent employee

【Salary】
Based on experience and skill level

【Working Hours】
Flexible working hours (minimum 4 hours per day, fixed monthly working hours)

【Work Location】
Korea, South

【Holidays & Leave】
Annual paid leave, summer vacation, public holidays, special leave for family events, and company anniversary holiday (if it falls on a weekday)

【Benefits & Welfare】
Social insurance, company cafeteria & shuttle bus, medical and language learning support, relocation support (subject to discussion), employee clubs etc.

Required Skills

【Required Qualifications】

- **Edu.**
  [Degree] Master's degree or higher (preferential treatment for PhD and equivalent experience)
  [Major] Chemistry, Polymers, Chemical Engineering, Materials Engineering
- **Experience**
  1. More than 6 years of experience in developing EP material-based extrusion processes
  2. Experience in expanding new uses and enhancing performance of EP products
  3. EP material extrusion process design/mass production experience
- **Knowledge**
  1. Polymer chemistry, rheology, and high heat-resistant polymers(physical properties and structural characteristics)
  2. Polymer Composite Properties / Process
- **Language**
  Business-level English required; Korean, Japanese, or other language skills preferred.

【Preferred Qualifications】

- Experience in applying EP materials to high-growth industries(AI data centers, electric fields, robotics, etc.)
- Talented people with motivation and responsibility to create new applications

Company Description