

COMPANY INTRODUCTION

We have established the production, sales, and R&D networks at home and abroad, expanding our business into the global market.

We aim to become a world-class chemical company that provides innovative materials and solutions by sharpening our competitive edge in high-value added core businesses while expanding new business opportunities in IT & Electronic Materials and Energy Solutions.

CONTACT INFORMATION

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MAIN TOPIC

MATERIAL CATEGORY

- Premium Keton Material
- Secondary Battery Material
- Ultra Light Mg Material
- Bio Medical Material
- Hyperpure SIC Material
- Super Sapphire Single Crystal Material
- Smart Coating Steel Material
- Smart Membrane Material
- Nano Carbon Composite Material
- Flexible Display Material

MAIN TOPIC

Nanocarbon composite

AT A GLANCE

• Business Type
Basic material chemical,
Energy solution,
Advanced material, IT/OA

• Established Year
1947

• Total Employee Number
26,660

DEVELOPMENT LEVEL

- Lab scale
- Pilot scale
- Mass production

MATERIAL INTRODUCTION

IMAGE



Basic Materials & Chemicals
AC, PVC, Fluoropolymer, ABS, EP, Polyamide, PET, Polyamide, Specialty Polypropylene

Based on our extensive experience and advanced technology in plastics, synthetic fibers, synthetic rubber, and specialty polymers, the Basic Materials & Chemicals Company represents the core business of LG Chem, and the company that provides competitive products based on innovative technology. LG Chem has achieved several major and strategic patents, aiming to strengthen our business by organic and acquisition of the following companies: LG Chem Basic Materials & Chemicals in 2008, LG Basic Materials & Chemicals in 2007, and LG Chemical in 2008 and LG Polysulfone in 2011.



IT and Electronics Materials
Optical Materials, Electronic Materials, Glass Substrates, MO Membranes

Since 1999, LG Chem has become the first company to commercialize LCD panels in 2000. The IT & Electronic Materials business has steadily grown up through aggressive investment in R&D and development of differentiated products. As a leading global company in the panel and material, LG Chem has been strengthening global competitiveness in the areas of TFT-AMLCD, panel glass, and optical transparent materials. Furthermore, LG Chem is now focusing on expanding its business into the several new markets, such as glass substrate, solar radiation business.



Energy Solutions
IT & New Fuelcell Battery, Automotive Battery, EIS Battery

LG Chem is the only chemical-based company among worldwide battery manufacturers that has an Energy Storage Company newly established based on its differentiated expertise technology. Since the development of battery, the structure has increased over 30% each year. LG Chem is keeping the world's most advanced battery market, as it is ranked as global No. 1 in the automotive and EIS battery markets. LG Chem has been continuously increasing its market share.



Advanced Materials
Display Materials, Rechargeable Battery Materials

LG Chem is advanced materials to the company's mid-growth engine by pioneering technology to offer premium value to customers and gain new business opportunities. The company aims to strengthen its position in the global market by improving competitiveness in core materials such as OLED displays and anode materials for batteries.

NAME/SPEC.

Multi functional Nano carbon composites

TARGET END-PRODUCTS

High Strength & High Level Functionality Structural Plastic Product for Automotive

Field of Interest

Automobile Manufacturer & Automotive parts Manufacturer