

Main Business Areas

Major Affiliates

Hanwha Solutions Chemical Division

Hanwha Solutions Q CELLS Division

Hanwha Solutions Advanced Materials Division

Hanwha Impact

Hanwha Total Petrochemical

YEOCHUN NCC

Major Products and Services

- Energy (oil refining, jet & diesel fuel, gasoline, LPG)
- Basic Petrochemicals (Ethylene, propylene, SM butadiene, aromatics (BTX), naphtha)
- Synthetic resins and synthetic materials (PE, PP, EVA, PVC, PTA)
- Chlor-alkali products (Caustic soda, chlorine, EDC, VCM, ECH, TDI)
- Advanced lightweight composite materials and parts
- Electronic materials
- Solar materials

Chemicals & Materials

Chemicals are the cornerstone of Hanwha's business. By taking on bold investments and challenges, Hanwha is fulfilling its global ambitions while also contributing to sustainable development and the future of communities around the world.

Hanwha built its chemical business through vertical integration and value-added products such as refined chemicals, basic chemicals, raw materials, synthetic raw materials, and advanced materials. Hanwha is particularly focused on R&D to increase the number of value-added products that the company can produce independently. Additionally, the company is growing as a leader in the global chemical industry through cross-affiliate synergy, value-added products, and cost competitiveness and is using its financial resources to establish production bases in major markets around the world.

Hanwha is committed to developing and using technology for sustainability. It is continuously reducing its greenhouse gas emissions and adopting more sustainable practices while also researching eco-friendly technologies for the "circular economy." Hanwha has been particularly successful in reducing its carbon footprint by disclosing its carbon management data to global financial institutions and the public.

Business Scope



- ✓ Annual ethylene production capacity: 3.82 million tons
- ✓ Annual purified terephthalic acid (PTA) production capacity: 2 million tons
- ✓ 70% global market share for lightweight composite materials for motor vehicles, including glass mat thermoplastics (GMT) and lightweight reinforced thermoplastics (LWRT) (globally #1)
- ✓ Supplying global automotive companies with lightweight composite materials for battery housings