

Main Business Areas

Materials

A circular economy that facilitates efficient and eco-friendly use of resources is now a pressing global priority. In response, Hanwha is taking the lead in fast-tracking carbon neutrality and promoting a sustainable infrastructure that dramatically reduces carbon emissions by manufacturing green essential materials. We are also expanding investment in and development of innovative technologies as we continue to advance our eco-friendly and high-value-added chemical businesses, including recycling waste plastics and eco-friendly bioplastics.

Business Scope



- ✓ Annual ethylene production capacity: 3.82 million tons
- ✓ Polyethylene (PE) and ethylene-vinyl acetate (EVA) combined annual production capacity: 2.03 million tons
- ✓ Annual purified terephthalic acid (PTA) production capacity: 2 million tons
- ✓ Leading global market for lightweight composite materials for motor vehicles, including glass fiber mat reinforced thermoplastics (GMT) and lightweight reinforced thermoplastics (LWRT)
- ✓ Supplying global automotive companies with battery housings made of lightweight composite materials

Major Affiliates

Hanwha Corporation/
Global

Hanwha Solutions
Chemical Division

Hanwha Solutions
Qcells Division

Hanwha Advanced Materials

Hanwha Impact

Hanwha TotalEnergies
Petrochemical

YEOCHUN NCC

Major Products & 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