
Nan Ya Plastics
Year 2024
Operations & Performance

Mar. 2025



Agenda

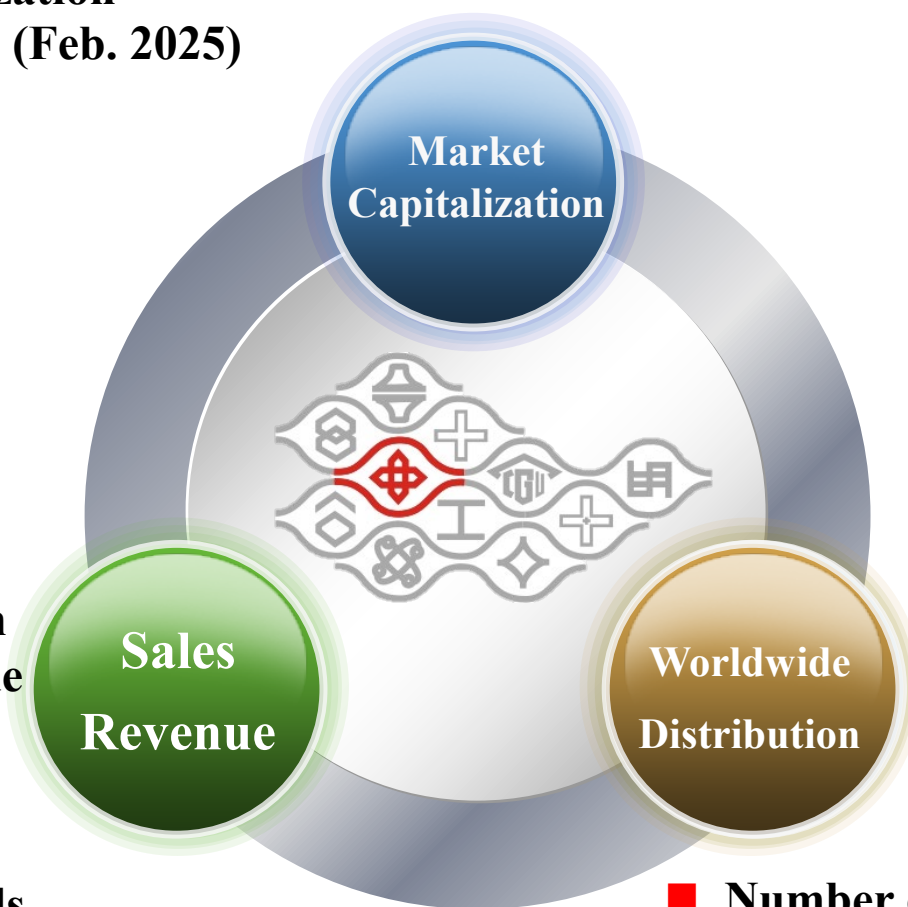
- **Overview**
- **Financial Highlights**
- **Annual Outlook**
- **Capacity Expansion Plan**
- **Q & A**



Overview

Highlights

- **Market Capitalization**
NT\$ 267.7billion (Feb. 2025)



- **NT\$ 259.6 billion**
(Y2024, not include Nanya Tech. Co.)
- **Sales breakdown**
 - 15% in plastics
 - 23% in chemicals
 - 42% in electronics
 - 19% in polyesters

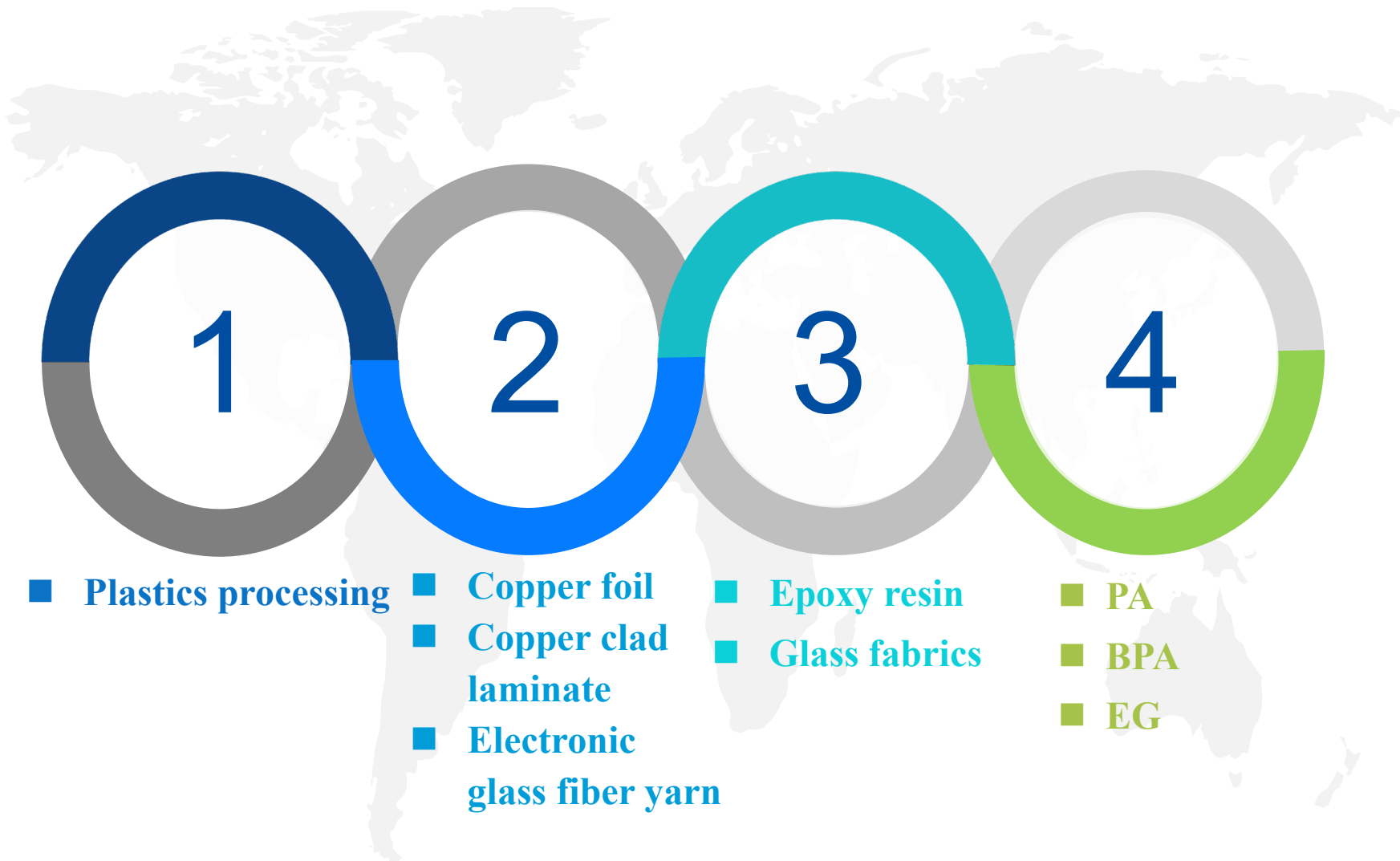
- **Total number of Plants 102**
 - 59 in Taiwan
 - 34 in China
 - 8 in US

- **Number of Employees 29,108**
(The number of Plants and Employees includes the consolidated financial reporting company)



Overview

Leading market positions for capacity



Note: Capacity data as of FY2024.



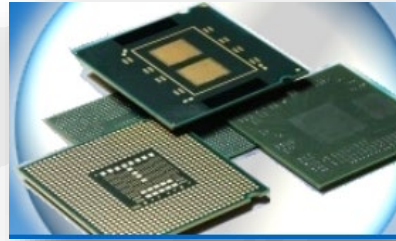
Overview

Industry Development History



Plastics

1958



Printed Circuit Board

1984

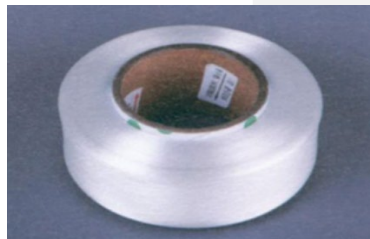


Semiconductor

1995

Polyester

1968



Electronic Materials

1985



Petrochemicals

1996



Overview

Major Businesses

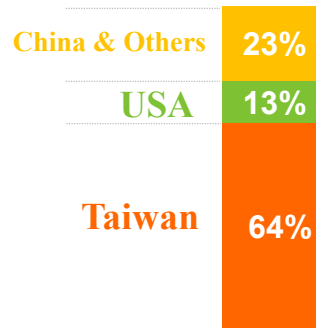
Sales breakdown in 2024



Plastics

15%

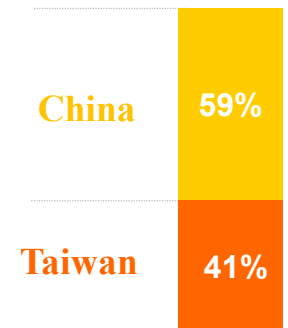
PVC Sheeting, PVC Rigid Film, PU Leather, PVC Rigid Pipe & Fittings, Window & Door Frames, Films, Engineering and PVC Compounds, PP Synthetic Paper



Electronics

42%

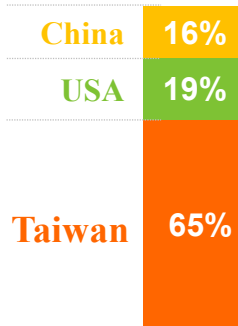
Glass Yarn, Glass Fabrics, Epoxy Resin, Copper Foil, Copper Clad Laminate, Printed Circuit Board



Chemicals

23%

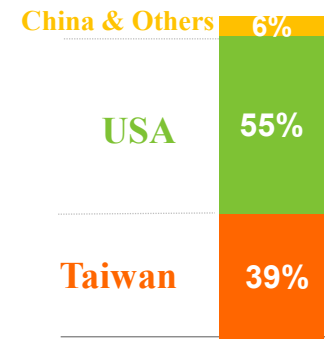
EG, BPA, 1,4BG, Plasticizer, PA, 2EH, INA, MA



Polyesters

19%

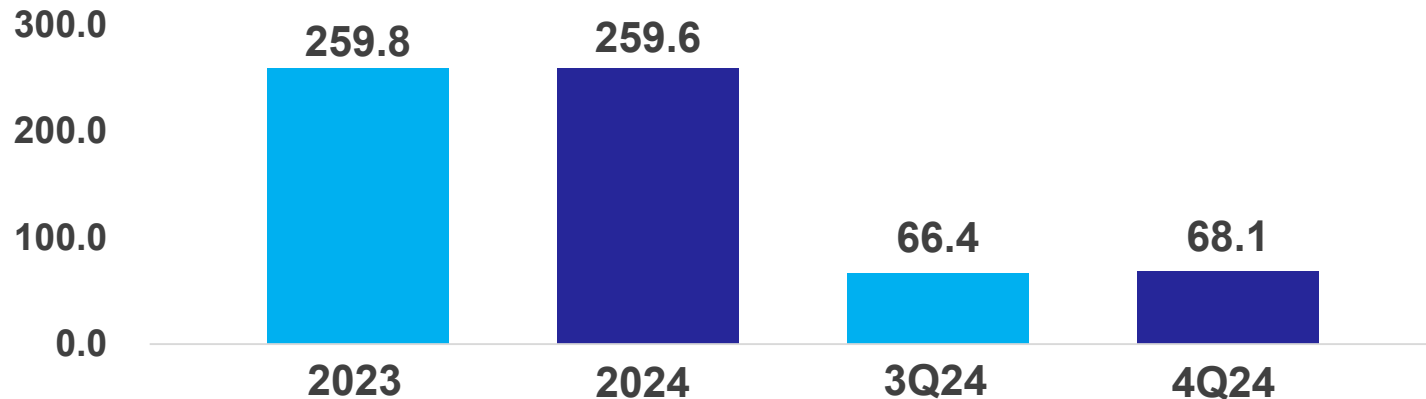
Polyester Staple Fiber, PET Resin, Filament, PET Film



Financial Highlights

Consolidated Revenue by Quarter (IFRS)

(NT\$ billion)



■ Revenue in 2024 decreased YOY due to:

Only the revenue of PCB decreased, while revenue from all other products increased. The revenue and profit of chemical products improved due to the improvement of EG market conditions, leading to an increase in production and sales volume. CCL, copper foils and other electronic materials products benefited from the rise of AI applications and the company actively developed and promoted high-end materials, both of revenue and profit increased. Polyester products and plastic processing products also grew steadily.

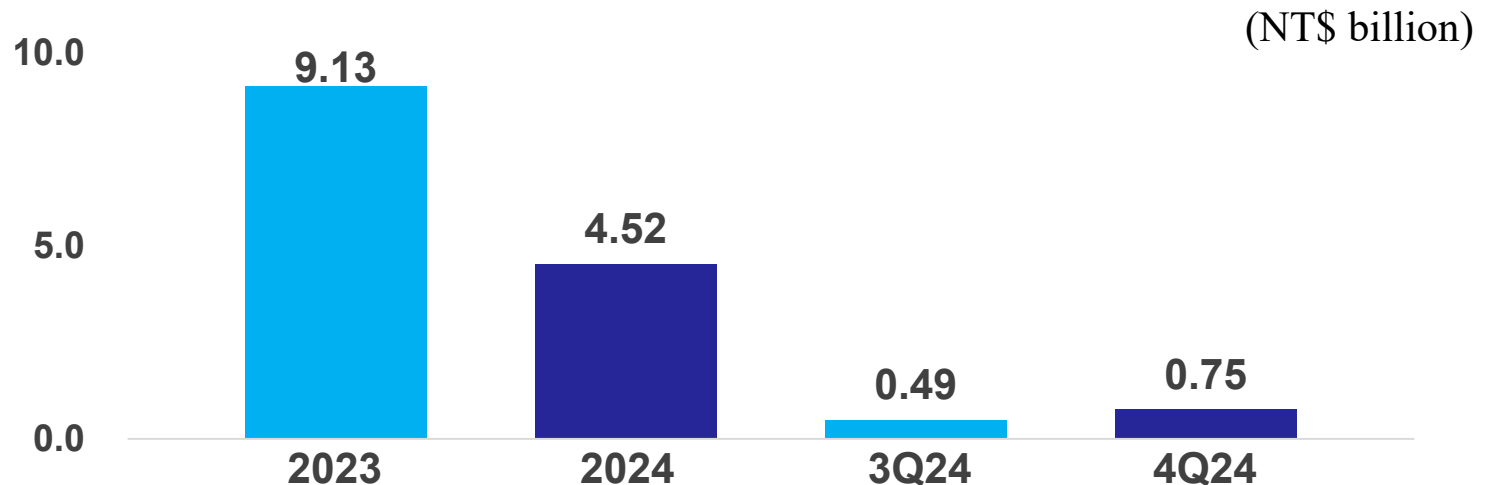
■ Revenue in 4Q24 increased QoQ due to:

The margin of EG improved, and the production capacity utilization rate of both Texas and Mailiao production lines increased, leading to a significant increase in the revenue of chemical products.



Financial Highlights

Pre-tax Income by Quarter (IFRS)



■ 2024 pre-tax income decreased YoY due to :

1. Mainly due to the profit of PCB was relatively lower while the profits of other products all had a small growth.
2. Equity income decreased NT\$2.56bn YoY :
 - (1) FPCC -NT\$3.68bn
 - (2) Nanya Tech +NT\$0.69bn

■ 4Q24 pre-tax income increased QoQ due to :

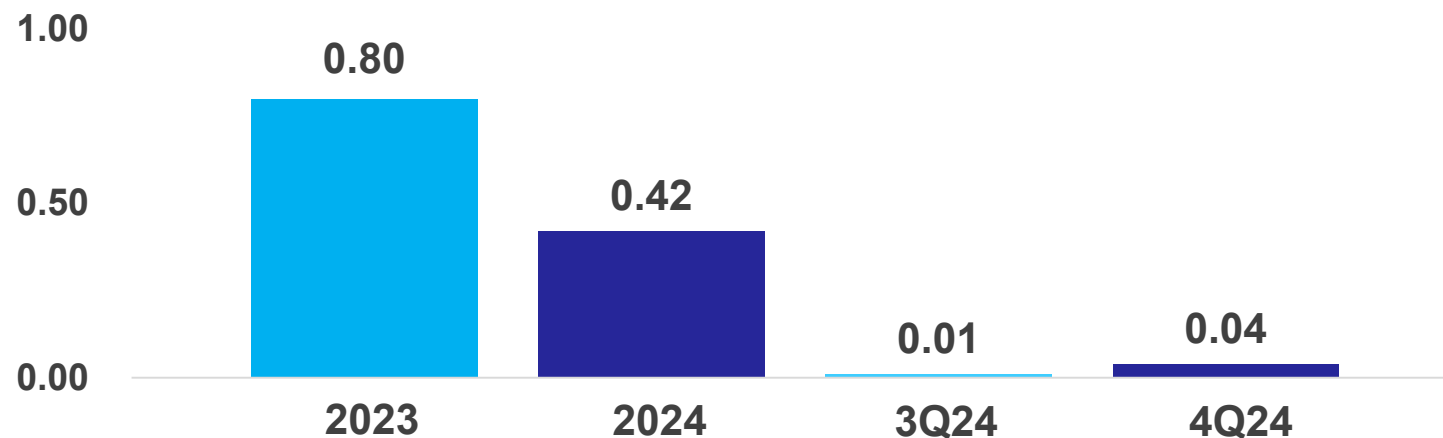
1. The production and sales volume of EG increased, leading to better operations for chemical product than in 3Q24; however, electronic material products and polyester products were affected by seasonal factors, resulting in a decline in profit..
2. Equity income increased NT\$0.68bn QoQ :
 - (1) FPCC +NT\$1.01bn
 - (2) Formosa Olefins, L.L.C. -NT \$0.26bn
 - (3) Nanya Tech -NT\$0.03bn



Financial Highlights

EPS (IFRS)

(NT\$ dollar)



■ EPS in 2024 decreased YoY due to :

Along with the inflation and high interest rates have gradually eased, the consumer demand for various products has rebounded. Adding up the development of AI has driven the continued growth of the supply chain, the operating revenue and profits of electronic materials, chemical products, polyester products, and plastic processing products grew. Only the profit of PCB decreased, but the recognition of investment income under equity method from FPCC, etc. has decreased, resulting in a decreased in EPS.

■ EPS in 4Q24 increased QoQ due to :

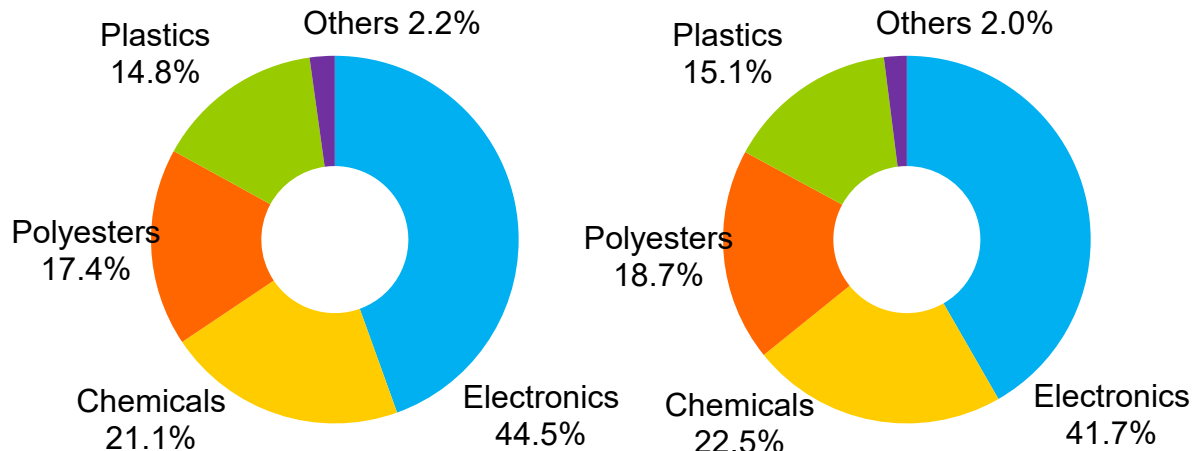
The revenue and profit of chemical products were better than the previous quarter due to the significant increase in the production and sales volume of EG. Coupled with the investment income and exchange gains were more favorable than in the previous quarter, leading to an increased in EPS.



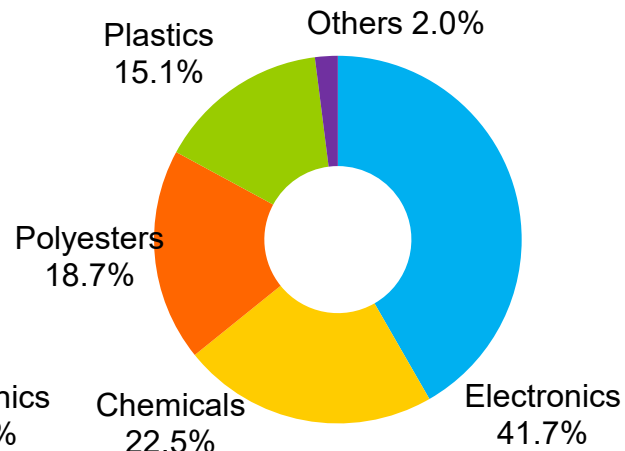
Financial Highlights

Revenue Breakdown (Quarter)

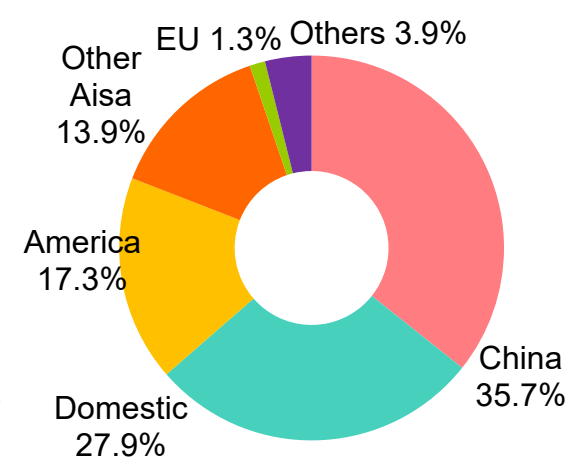
2023 Net Sales
NT\$ 259.8 billion



2024 Net Sales
NT\$ 259.6 billion



2024 Sales Breakdown by Geography

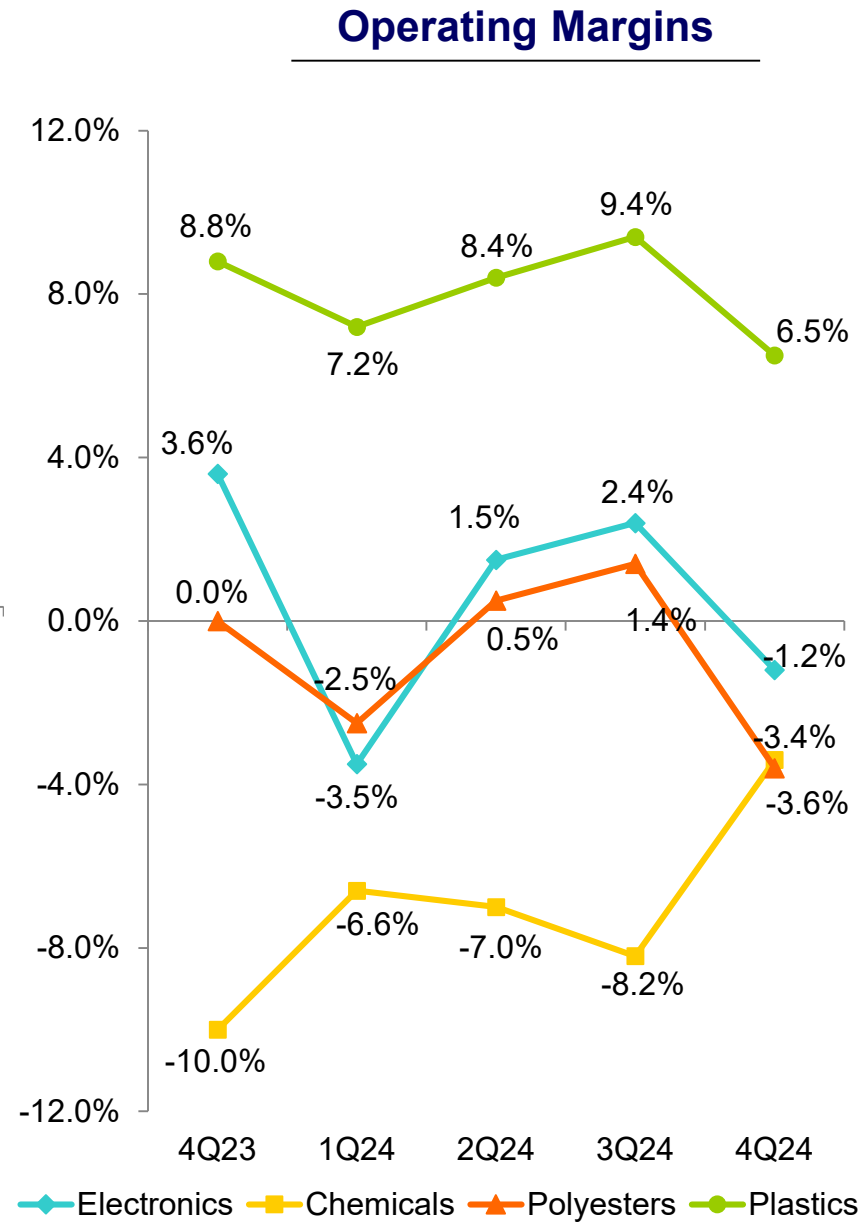
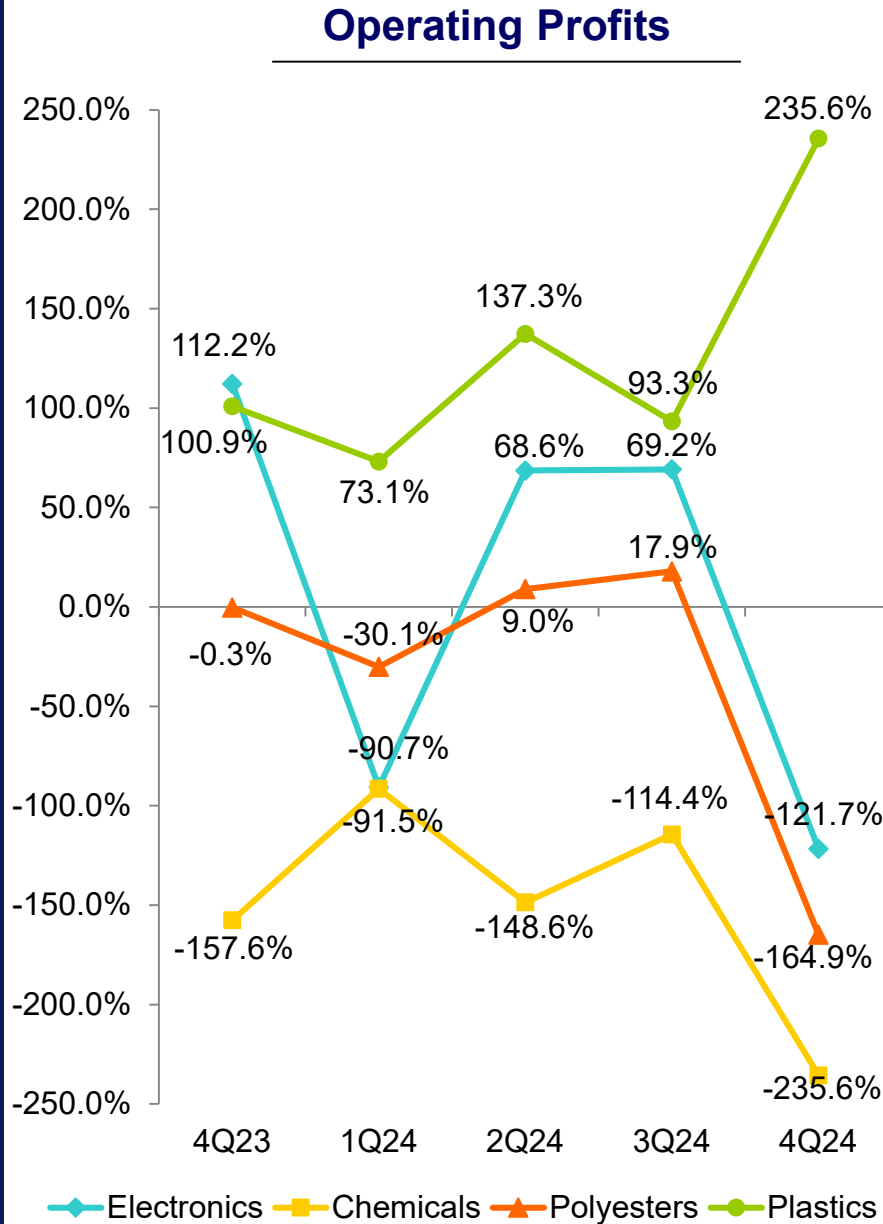


- The easing inflation in the U.S., leading to an increase in consumer spending. Along with the early deployment of high value-added recycled products in response to industry development, the revenue proportion of polyester products grew compared to 2023.
- The revenue proportion of chemical products increased compared to 2023, primarily due to the recovery of the EG market. The company leveraged the relatively lower raw material costs of Texas plant to enhance production and sales volumes.
- The proportion of China accounts for 49.6% of overseas region, remaining the primary market.



Financial Highlights

Operating Profits Breakdown by Product Segment



Annual Outlook

- Looking ahead to 2025, factors such as U.S.-China technological competition, tariff barriers, and geopolitical tensions add uncertainty to global economic development. Additionally, the continuous expansion of petrochemical capacity in China has intensified industry competition, making overall operations remain challenging.
- In response to changes in political and economic conditions as well as technological advancements, the Company will continue to implement four major operating strategies: "Product Transformation", "Business Transformation", "Low-Carbon Transformation" and "Digital Transformation."
- In the short term, the Company will focus on "Product Transformation" by producing differentiated and high-value-added products.
- Furthermore, in line with industry development trends, the Company will introduce new technologies and products, such as medical materials and semiconductor-related materials, to expand new business opportunities and drive "Business Transformation."
- To achieve the goal of "Carbon neutrality by 2050", the Company will develop and expand high-value-added green products, promote green manufacturing processes, and reduce its carbon footprint, thereby implementing "Low-Carbon Transformation." At the same time, continuing enhance artificial intelligence capabilities and adopt digital management platforms to realize "Digital Transformation."



Business Overview

Capacity Expansion Plan

Area	Product	Unit	Annual Capacity			Estimated Commissioning Date
			Current (Note1)	Expansion	Increase%	
Taiwan	Copolymers with high PIA and PETG	KMT	0	36	100	2025/7
	Polyester Release Film (5 th set)	KM ²	360,000	144,000	40	2025/7
	Polyester Release Film (6 th set)	KM ²	360,000	144,000	40	2025/7
	Solar Photovoltaic System (Note2)	KW	(Note2)	56,012	100	2026/6
Mainland China	Copper Foil	KM	60,000	23,400	39	2027/1
USA	Flexible PVC Sheeting	KMT	48	14	29	2025/4

Note1: Annual capacity is the total product production capacity by region.

Note2: As of Feb. 2025, the capacity of Solar Photovoltaic System was 15,060KW, and the rest will be completed by the end of Jun. 2026 successively.



THE END

