
Nan Ya Plastics

3Q24

Operations & Performance

Nov. 2024



Agenda

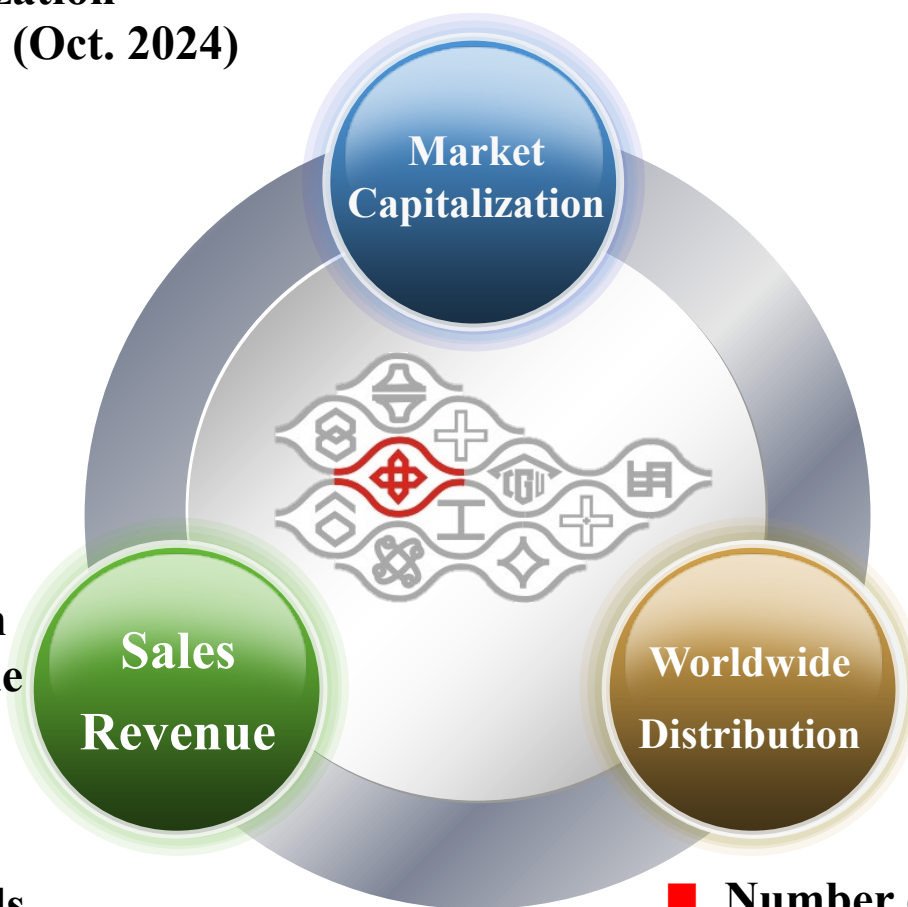
- **Overview**
- **Financial Highlights**
- **Annual Outlook**
- **Capacity Expansion Plan**
- **Q & A**



Overview

Highlights

- **Market Capitalization**
NT\$ 330.7billion (Oct. 2024)



- **NT\$ 259.8 billion**
(Y2023, not include Nanya Tech. Co.)
- **Sales breakdown**
 - 15% in plastics
 - 21% in chemicals
 - 44% in electronics
 - 17% in polyesters

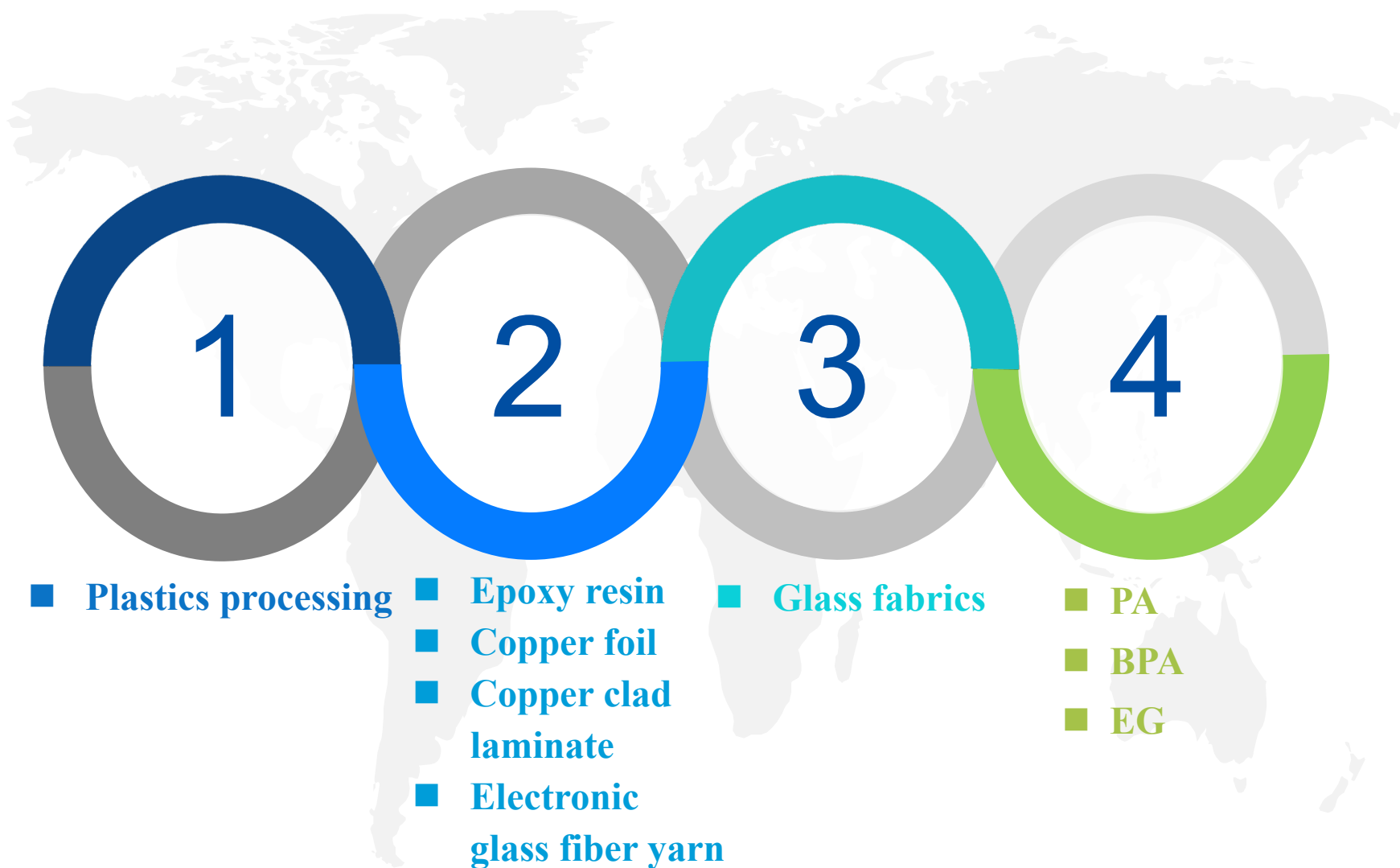
- **Total number of Plants 104**
 - 59 in Taiwan
 - 37 in China
 - 8 in US

- **Number of Employees 30,392**
(The number of Plants and Employees includes the consolidated financial reporting company)



Overview

Leading market positions for capacity



※Plasticizer products ranked 5th

Overview

Industry Development History



Plastics

1958



Printed Circuit Board

1984

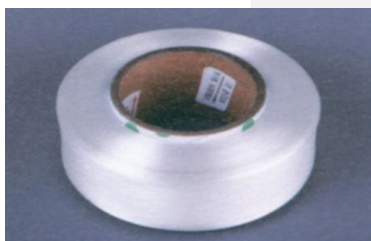


Semiconductor

1995

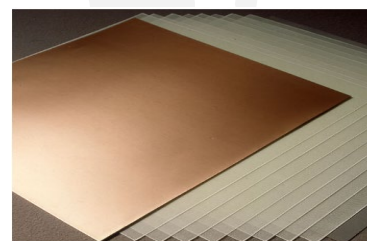
Polyester

1968



Electronic Materials

1985



Petrochemicals

1996



Overview

Major Businesses

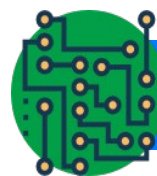
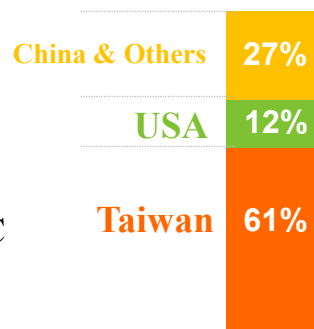
Sales breakdown in 2023



Plastics

15%

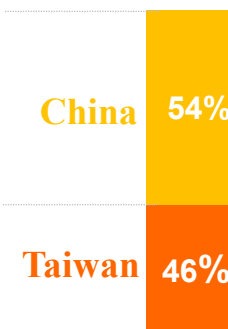
PVC Sheeting, PVC Rigid Film, PU Leather, PVC Rigid Pipe & Fittings, Window & Door Frames, Films, Engineering and PVC Compounds, PP Synthetic Paper



Electronics

44%

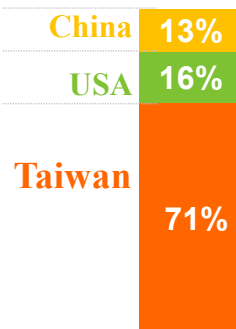
Glass Yarn, Glass Fabrics, Epoxy Resin, Copper Foil, Copper Clad Laminate, Printed Circuit Board



Chemicals

21%

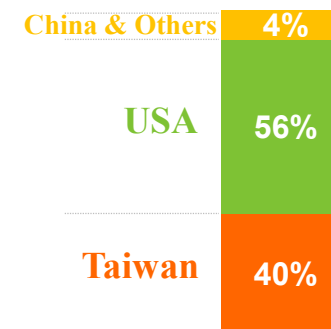
EG, BPA, 1,4BG, Plasticizer, PA, 2EH, INA, MA



Polyesters

17%

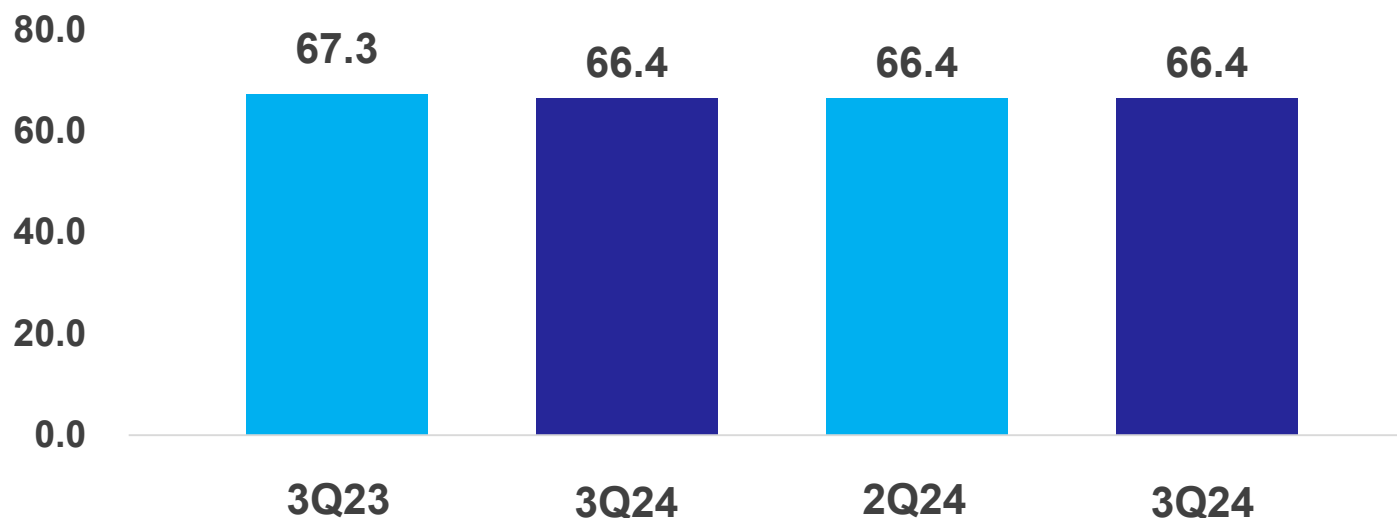
Polyester Staple Fiber, PET Resin, Filament, PET Film



Financial Highlights

Consolidated Revenue by Quarter (IFRS)

(NT\$ billion)



■ Revenue in 3Q24 decreased YOY due to:

Polyester products in the U.S. successfully secured a shift in import orders, leading to overall sales growth. However, revenue from PCB has significantly decreased compared to last year's peak. Revenue from other products remained flat or slightly decreased.

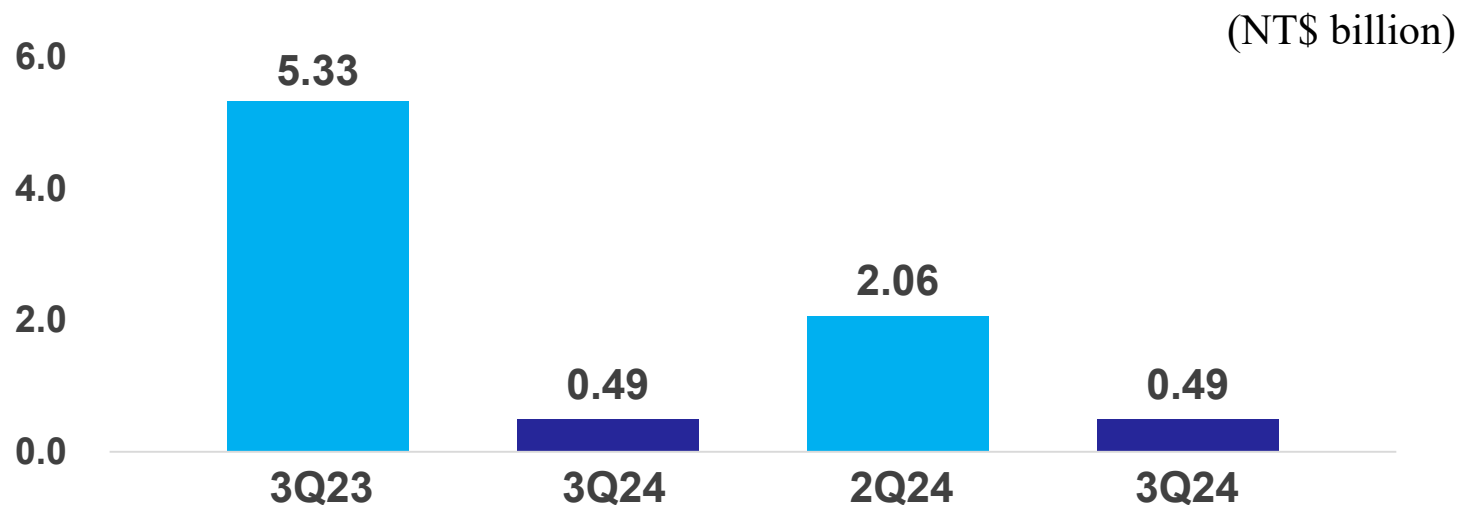
■ Revenue in 3Q24 remained stable QoQ due to:

Revenue from PCB has grown slightly for two consecutive quarters. Sales volumes and revenue of ethylene glycol and polyester products in the U.S. increased modestly, while revenue from other products remained flat or showed minor fluctuations.



Financial Highlights

Pre-tax Income by Quarter (IFRS)



■ 3Q24 pre-tax income decreased YoY due to :

1. As market conditions gradually stabilized, the operating income across all products surpassed that of the same period last year.
2. Equity income decreased NT\$4.51bn YoY :
(1) FPCC -NT\$4.68bn (2) Nanya Tech +NT\$0.3bn

■ 3Q24 pre-tax income decreased QoQ due to :

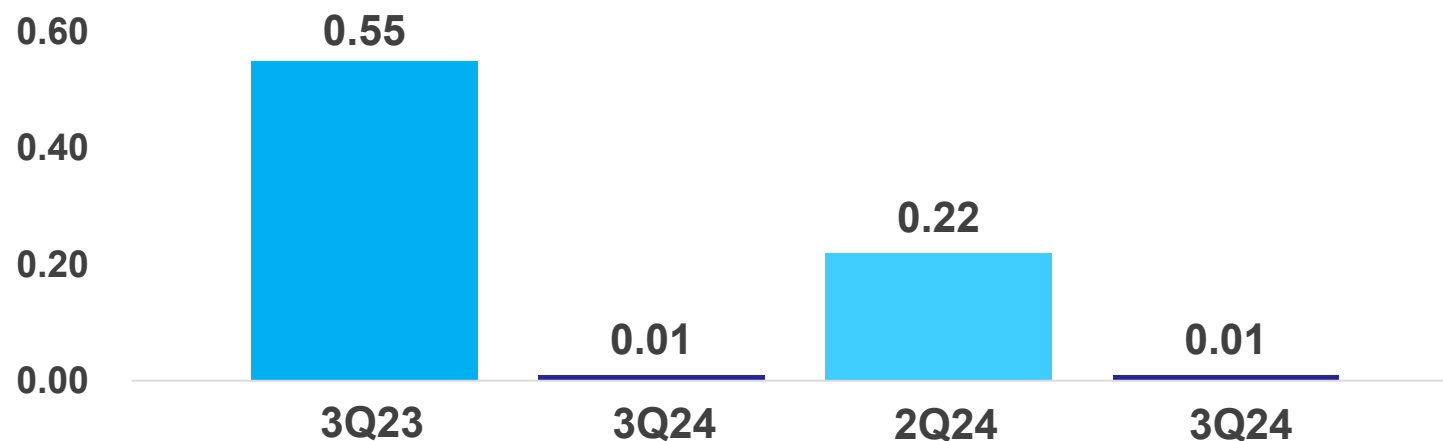
1. Except for the slight decrease in profit from chemical products due to oil price fluctuations, the operating income from electronic materials, polyester, and plastic processing products all increased compared to the previous period.
2. Equity income decreased NT\$1.56bn QoQ :
(1) FPCC -NT\$1.34bn (2) Nanya Tech -NT\$0.2bn



Financial Highlights

EPS (IFRS)

(NT\$ dollar)



■ EPS in 3Q24 decreased YoY due to :

In terms of operating income, most products have bottomed out and recovered, with profits exceeding those of last year. However, due to strong profitability from PCB last year, the decline this year was relatively noticeable. Additionally, a significant decrease in non-operating income from equity-method investments, such as those in Formosa Petrochemical Corp., along with a drop in dividend income, EPS decreased compared to the same period last year.

■ EPS in 3Q24 decreased QoQ due to :

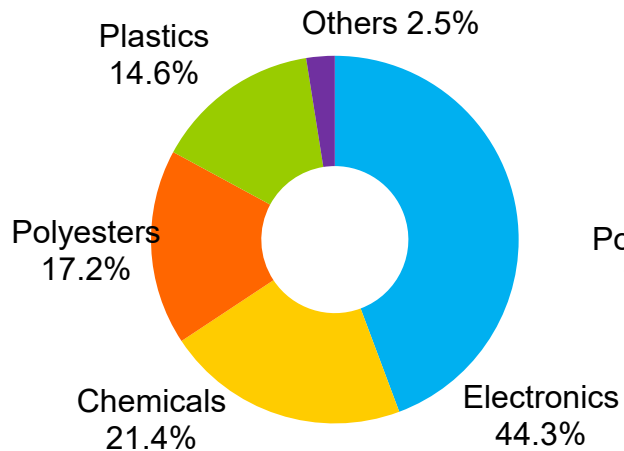
Except for the profit volatility in chemical products due to oil price fluctuations, the market conditions for PCB, electronic materials, polyester, and plastic processing products have gradually stabilized. Operating income improved compared to 2Q24. However, due to the recognition of losses from equity-method investments, such as those in Formosa Petrochemical Corp., and foreign exchange losses, EPS decreased compared to 2Q24.



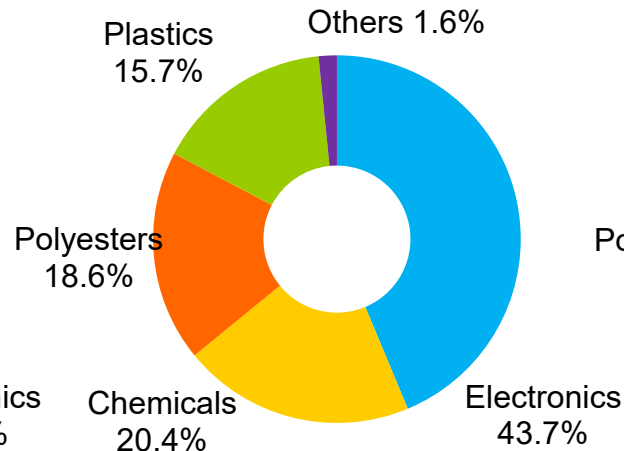
Financial Highlights

Revenue Breakdown (Quarter)

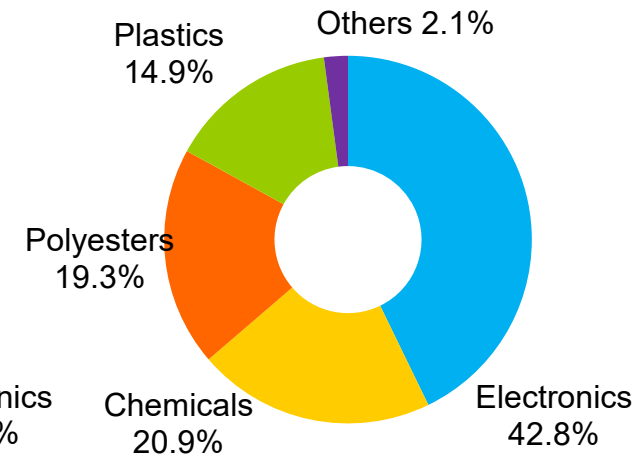
3QH23 Net Sales
NT\$ 67.3 billion



2Q24 Net Sales
NT\$ 66.4 billion



3Q24 Net Sales
NT\$ 66.4 billion



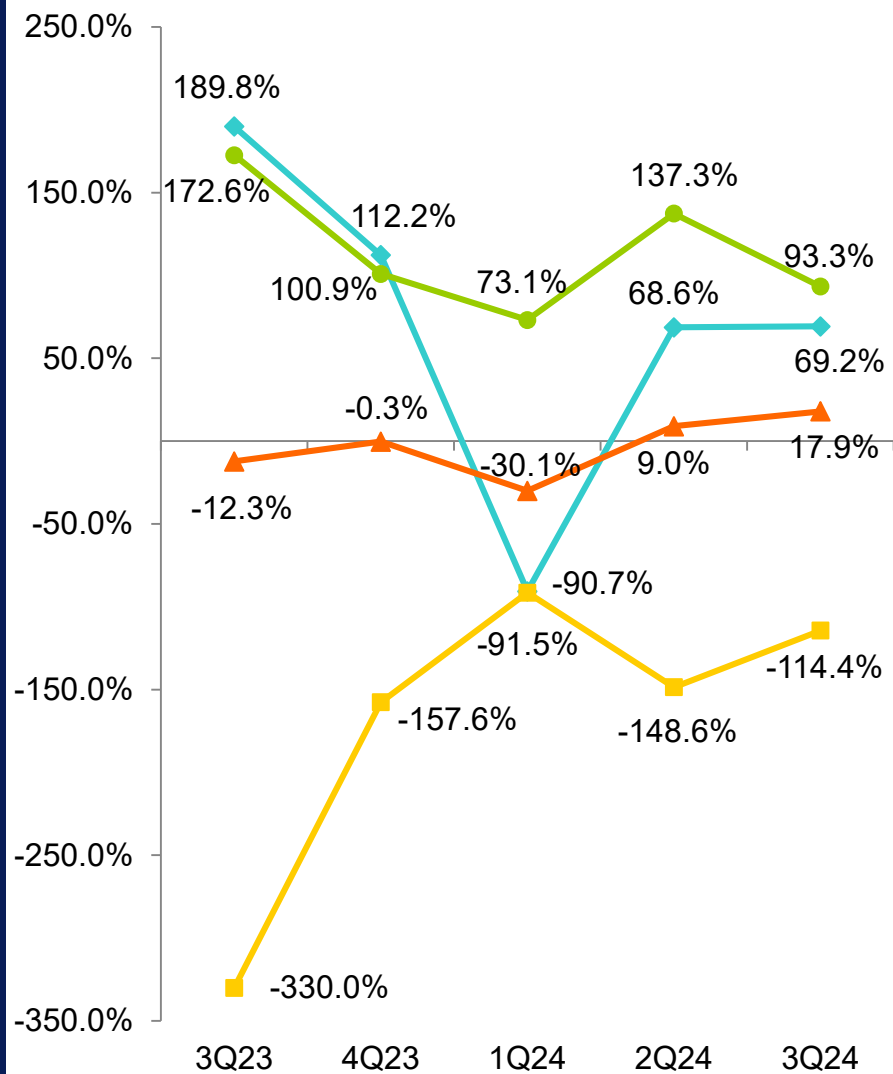
- The revenue proportion of electronic materials products declined, mainly because of uncertain economic prospects in China, Europe, and the United States. Low consumption momentum, limited interest in upgrading electronic products, and a cautious, inventory-controlling approach from customers have all contributed to reduced revenue.
- The revenue proportion of polyester products increased, primarily due to the recovery in the downstream textile industry and the gradual easing of inflation in the United States, which has led to higher sales volumes in the U.S., Taiwan, and China.



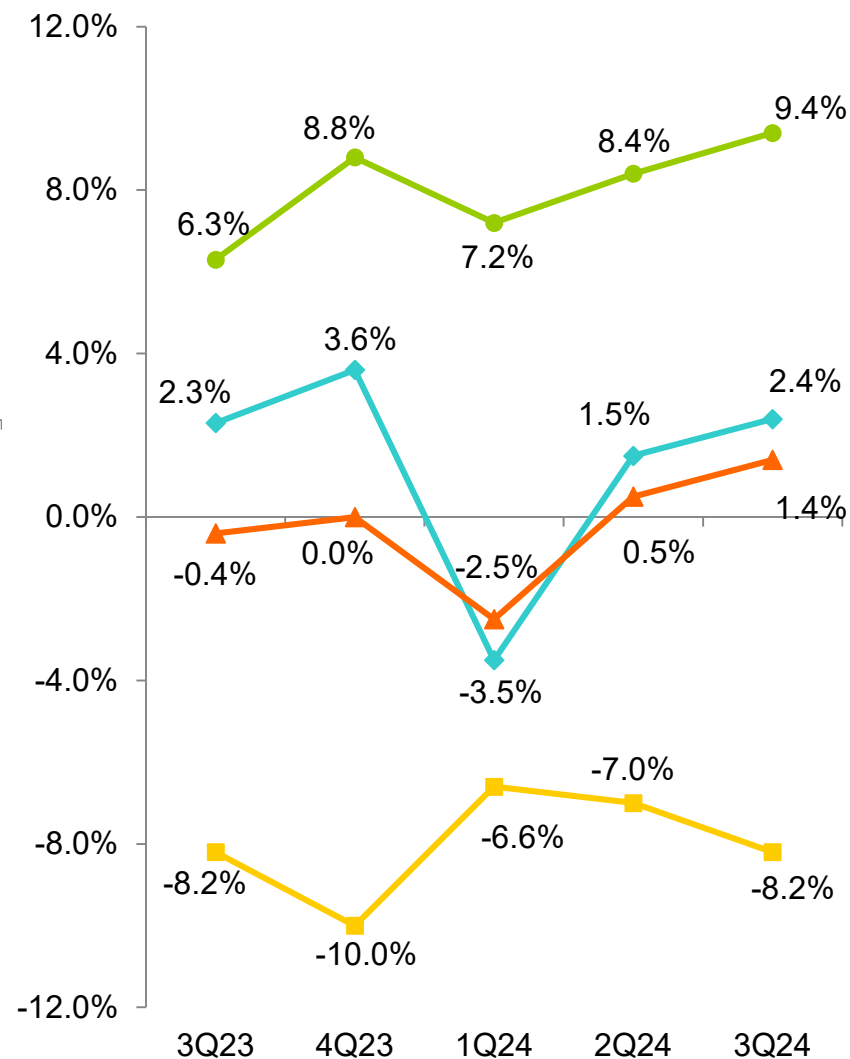
Financial Highlights

Operating Profits Breakdown by Product Segment

Operating Profits



Operating Margins



Electronics Chemicals Polyesters Plastics

Electronics Chemicals Polyesters Plastics

4Q24 Overlook and Annual Operating Strategies

■ 4Q24 Overlook

- ◆ Aside from the growth in demand for AI servers, demand for other consumer electronics has remained flat. Additionally, as the year draws to a close, driven by inventory checks and efforts to manage stock levels, customers have adopted a more cautious approach to purchasing.
- ◆ For chemical products, the overall market remains oversupplied, with little price fluctuation expected compared to 2Q24.
- ◆ Polyester products have entered the traditional off-season for bottle-grade pellets, while overall demand for polyester fibers remains stable. In addition, the number of working days in the U.S. has decreased due to Thanksgiving and Christmas holidays..

■ Annual Operating Strategies

- ◆ Product Transformation: Increase the proportion of high-value and differentiated products, develop new application areas, and expand into new markets. .
- ◆ Business Transformation: Develop new businesses, products, and technologies, seek business transformation, and deepen the company's industry layout.
- ◆ Low-Carbon Transformation: Expand green products, focus on energy-saving and carbon reduction, and implement the circular economy.
- ◆ Digital Transformation: Apply digital technologies, enhance AI applications, and achieve digital transformation to enable intelligent operations.



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	2025/4
	Polyester Release Film (6 th set)	KM ²	360,000	144,000	40	2025/4
	Solar Photovoltaic System (Note2)	KW	0	56,012	100	2026/6
Mainland China	Copper Foil	KM	60,000	23,400	39	2025/6
USA	Flexible PVC Sheeting	KMT	48	14	29	2024/11

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

Note2: Successively completed by the end of June, 2026.



THE END

