
Nan Ya Plastics
Year 2020
Operations & Performance

Mar. 2021



Agenda

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

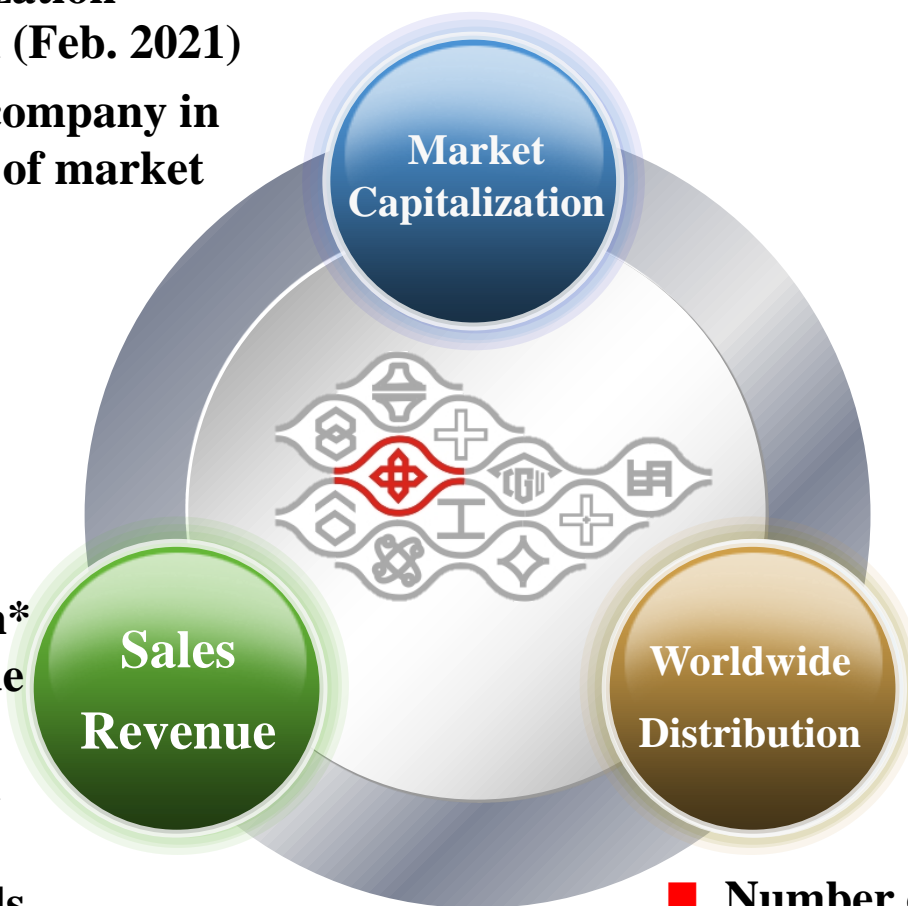


Overview

Highlights

- **Market Capitalization**
NT\$ 576.6billion (Feb. 2021)
- **The 9th largest company in Taiwan in terms of market capitalization**

- **NT\$ 273.3 billion***
(Y2020, not include Nanya Tech. Co.)
- **Sales breakdown**
 - 15% in plastics
 - 24% in chemicals
 - 44% in electronics
 - 16% in polyesters



- **Total number of Plants 102**
 - 59 in Taiwan
 - 36 in China
 - 7 in US

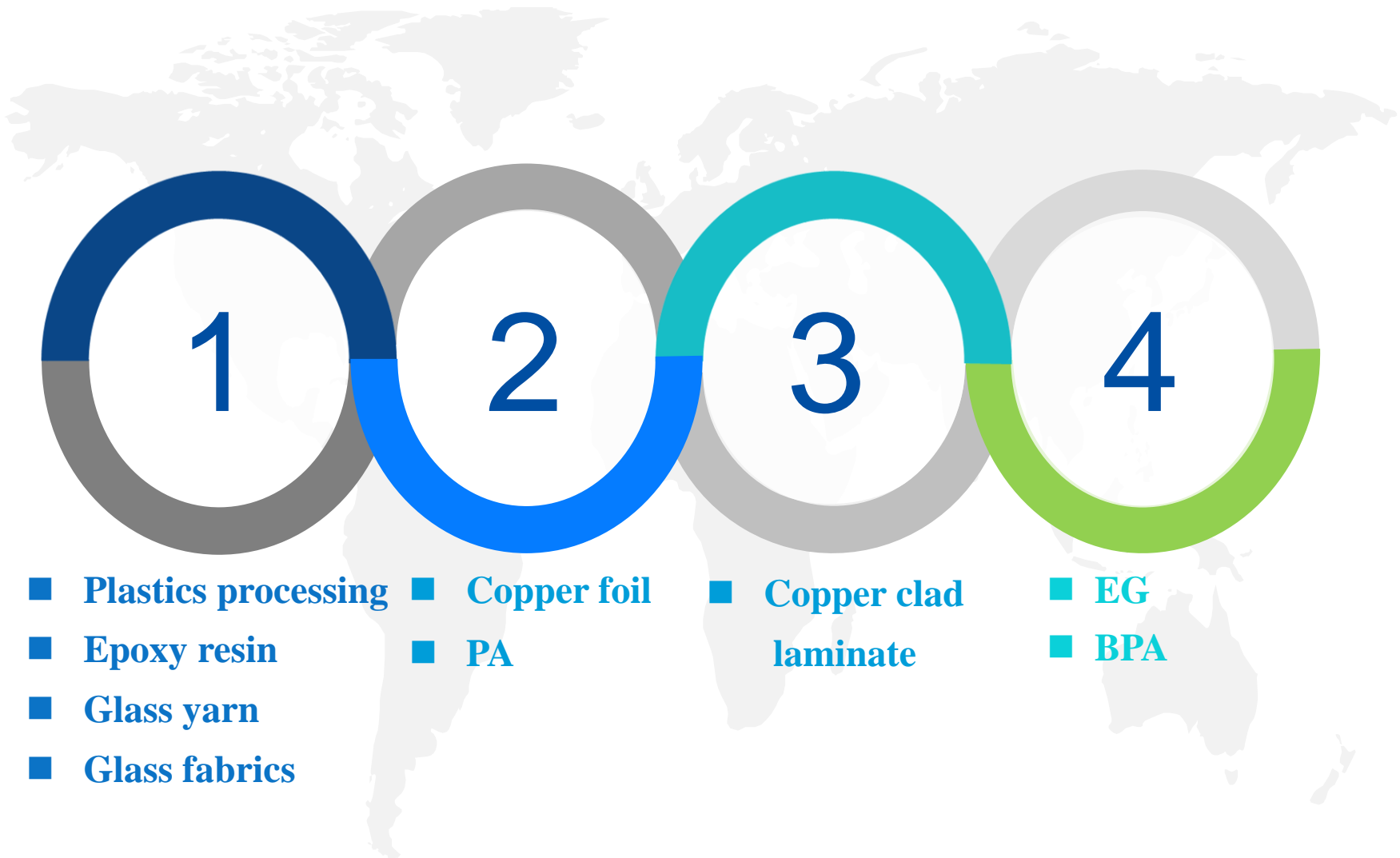
- **Number of Employees 31,740**
(The number of Plants and Employees includes the consolidated financial reporting company)

* Unaudited number



Overview

Leading market positions for capacity



※Plasticizer products ranked 5th
Polyester products ranked 11th



Overview

History



Plastics Processing

1958



Nan Ya USA
& America Co.

- Texas
- Louisiana
- South Carolina

1979



Nanya Tech Co.

1995



Chemicals

1999

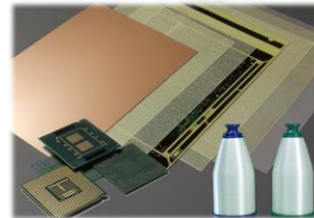
Polyesters

1969



Electronics
& Nan Ya PCB Co.

1986



Investing in
China

1994

- Xiamen
- Guangzhou
- Nantong
- Huizhou
- Kunshan
- Ningbo



Overview

Major Businesses

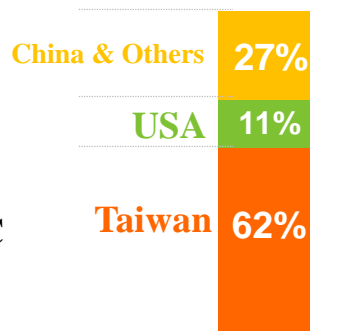
Sales breakdown in 2020 (Unaudited number)



Plastics

15%

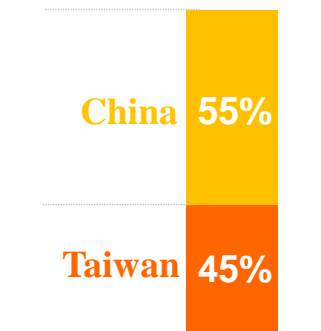
PVC Sheeting, PVC Rigid Film, PU Leather, PVC Rigid Pipe & Fittings, Window & Door Frames, Films, Engineering and PVC Compounds, PP Synthetic Paper



Electronics

44%

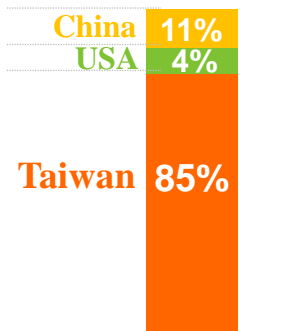
Glass Yarn, Glass Fabrics, Epoxy Resin, Copper Foil, Copper Clad Laminate, Printed Circuit Board



Chemicals

24%

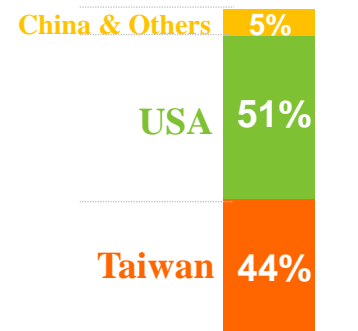
EG, BPA, 1,4BG, Plasticizer, PA, 2EH, INA, MA



Polyesters

16%

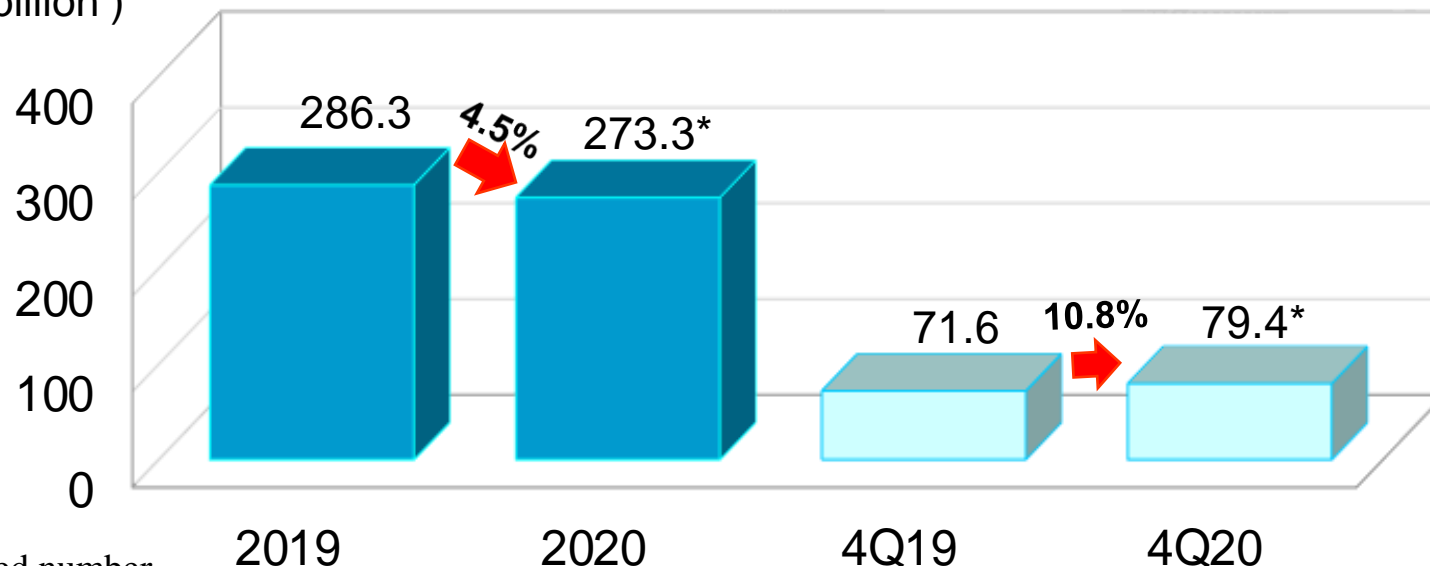
Polyester Staple Fiber, PET Resin, Filament, PET Film



Financial Highlights

Consolidated Revenue (IFRS)

(NT\$ billion)



* Unaudited number

■ Revenue in 2020 decreased 4.5% YoY due to:

Driven by the continuous development of 5G applications and remoted commerce during the pandemic, the operation of electronic material product had significantly improved. However, the plunge in oil prices lower the price of various products, causing the overall revenue slightly declined.

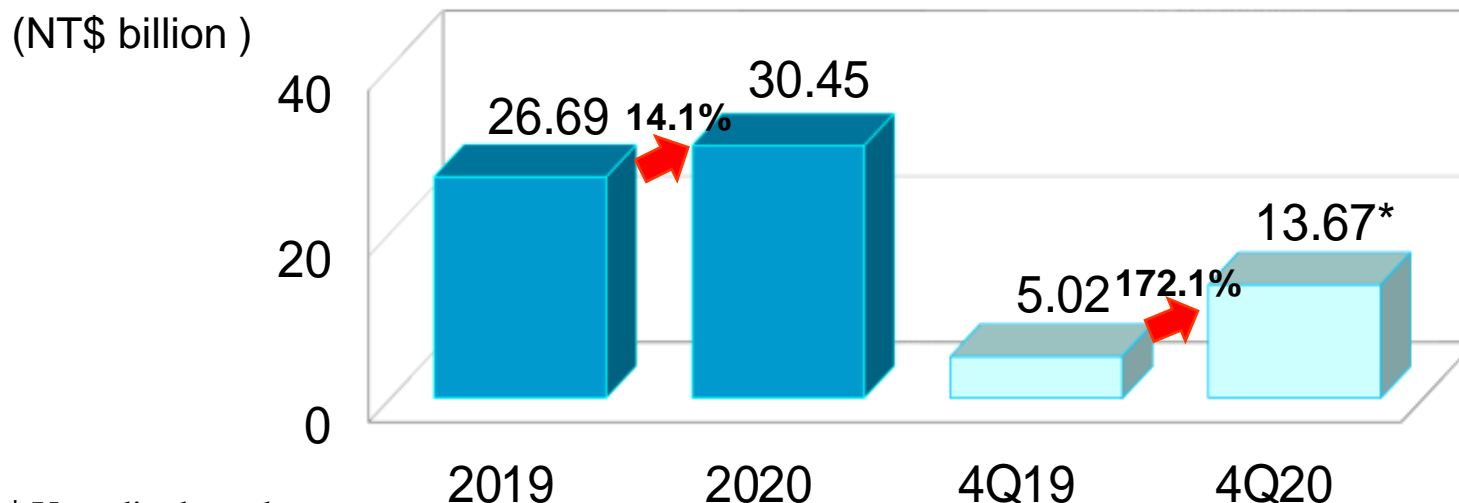
■ Revenue in 2020 4Q increased 10.8% YoY due to :

Despite the spread of the epidemic, wireless communications and the online economy continue to push up the demand for electronic material product. As various countries lifting lockdowns, the demand for various products increase, leading the overall revenue increase.



Financial Highlights

Pre-tax Income



* Unaudited number

■ 2020 pre-tax income increased 14.1% YoY due to :

1. Operating profit increased NT\$11.3bn mainly due to the significant growth in profit of electronic materials product.
2. Equity income decreased NT\$5.1bn YoY :
(1) FPCC -NT\$6.8bn (2) Nanya Tech -NT\$0.7bn (3) MPC +NT\$1.1bn

■ 2020 4Q pre-tax income increased 172.1% YoY due to :

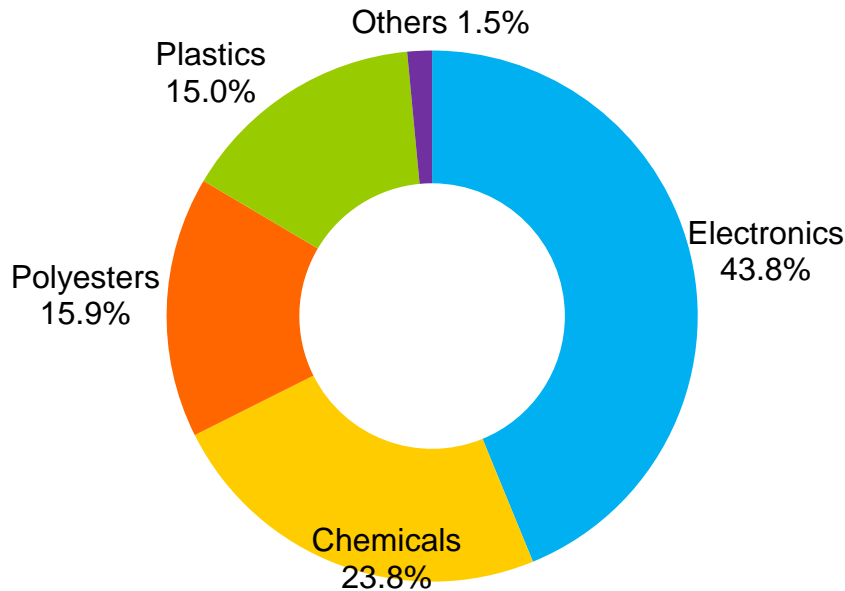
1. Operating profit significantly increased by NT\$7.2bn mainly due to growth in profit of chemical product
2. Equity income increased NT\$1.6bn YoY :
(1) FPCC +NT\$0.7bn (2) Nanya Tech -NT\$0.1bn (3) MPC +NT\$0.1bn



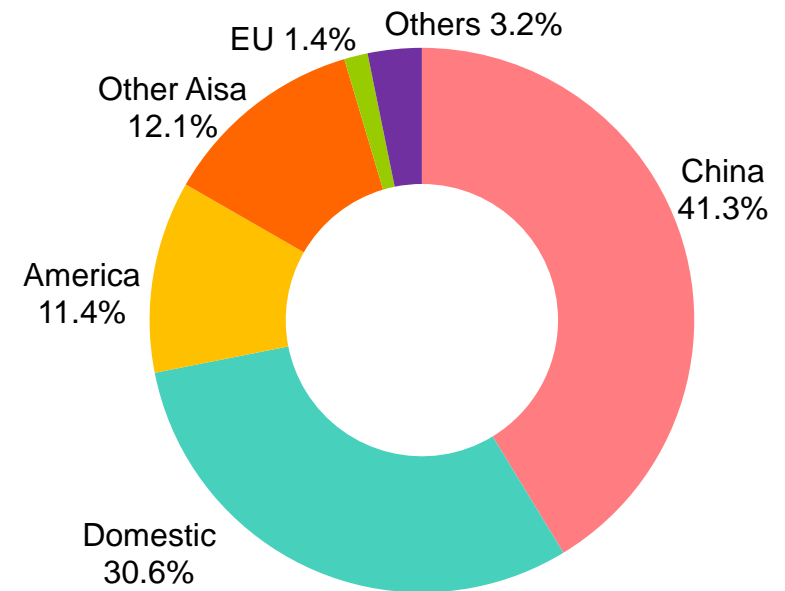
Financial Highlights

Revenue Breakdown

**2020 Net Sales
NT\$ 273.3 billion***



**2020 Sales Breakdown*
by Geography**



* Unaudited number

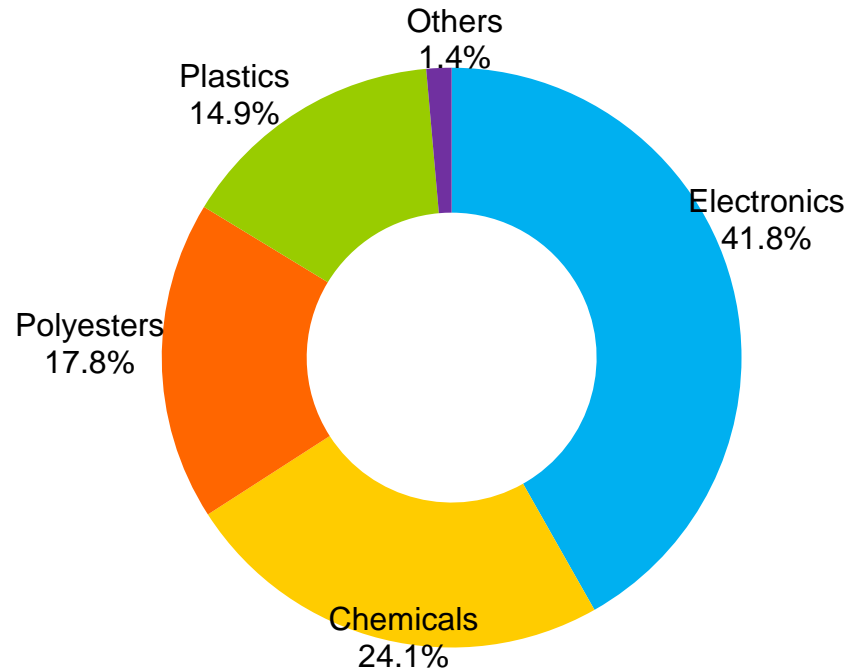
- Driven by the continuous development of 5G applications and remoted commerce during the pandemic, the operation of electronic material product had significantly improved. However, the plunge in oil prices lower the price of various products, causing the overall revenue slightly declined.
- Revenue in the next few years is still mainly driven by chemical product and electronic materials.
- Mainland China remains the most important market, accounting for 60% of total overseas in 2020.



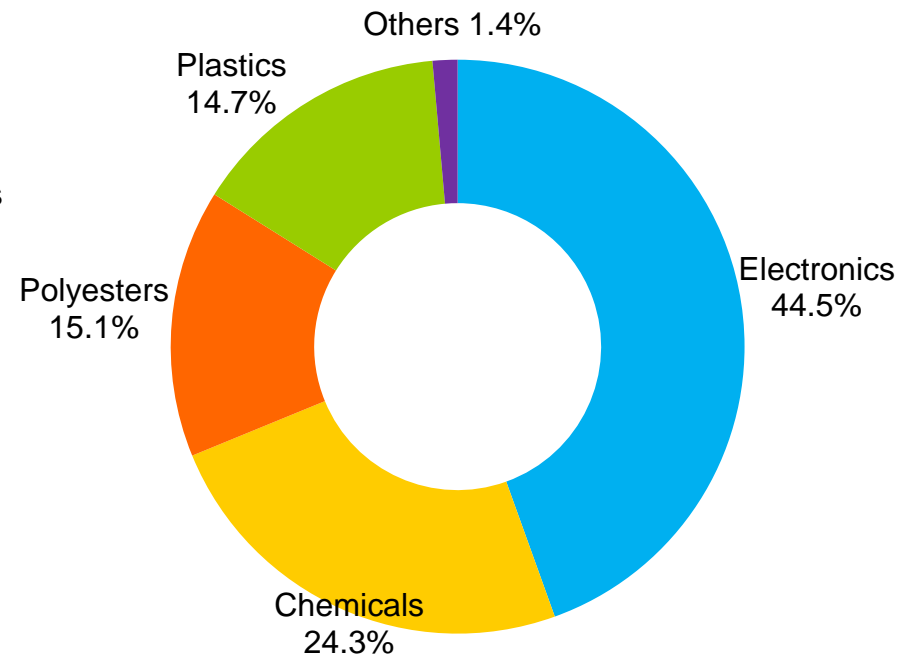
Financial Highlights

Revenue Breakdown by Product Segment

2019 4Q Net Sales
NT\$ 71.6 billion



2020 4Q Net Sales
NT\$ 79.4 billion*



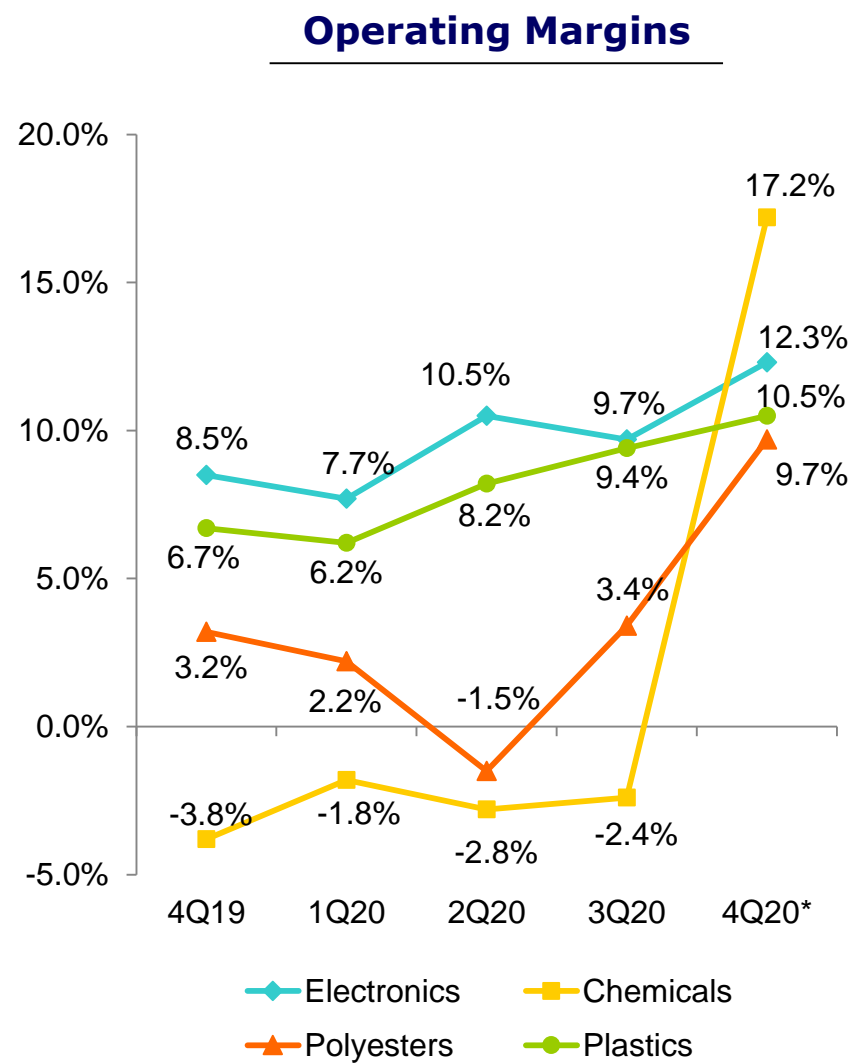
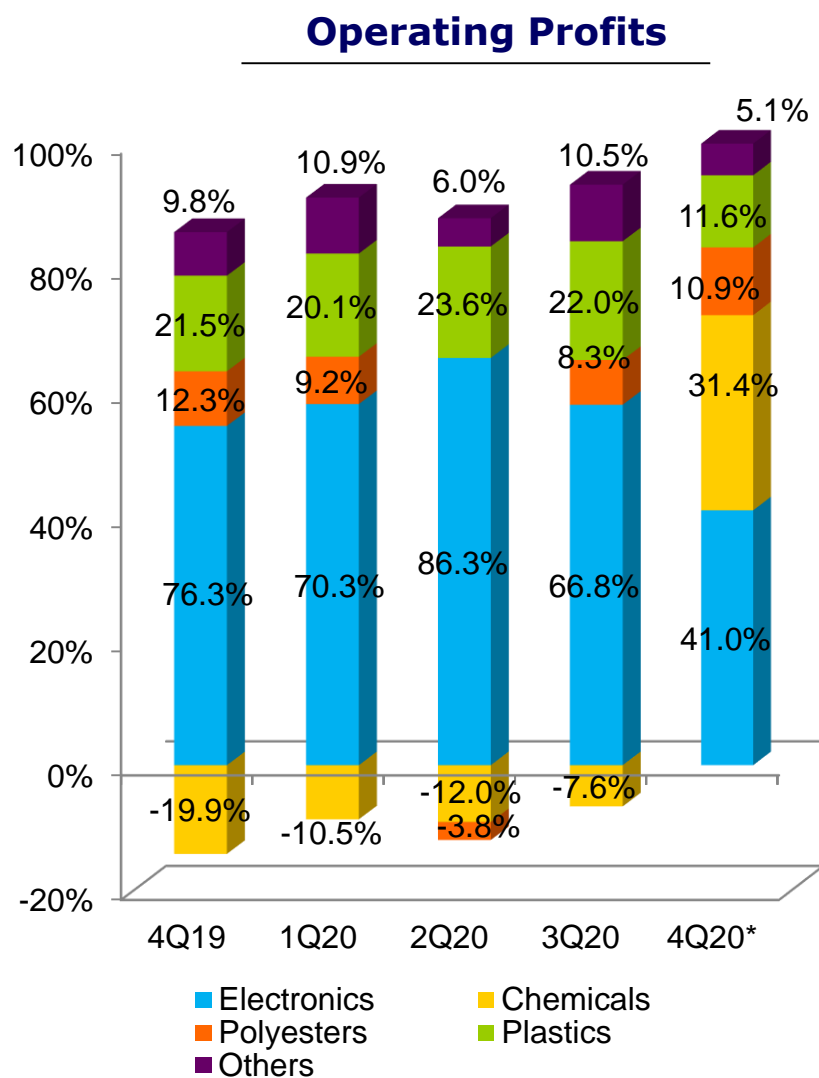
* Unaudited number

- Despite the spread of the epidemic, wireless communications and the online economy continue to push up the demand for electronic material products. As various countries lifting lockdowns, the demand for various products increase, leading the overall revenue increase.
- The proportion of electronic products increased, showing the changes in industry trends.



Financial Highlights

Operating Profits Breakdown by Product Segment



* Unaudited number



Business Overview

Capacity Expansion Plan

Area	Product	Unit	Annual Capacity			Estimated Commissioning Date
			Current	Expansion	Increase%	
Taiwan	PP Synthetic Paper	KMT	60	22	37	2021/4
	Plastic Pallet	KMT	17	6	35	2022/11
	Long Fiber-Reinforced Thermoplastics	KMT	0	5	100	2021/9
	Copper Foil	KMT	34	18	53	2021/3
	Polyester Film	KMT	94	14	15	2021/6
	Polyester Release Film (4 th coating machine)	KM ²	240,000	120,000	50	2021/5
	Polyester Release Film (5 th set)	KM ²	240,000	123,600	52	2021/12
Mainland China	Aluminum Laminated Foil	KM ²	0	26,664	100	2021/6
	PVC Decorative Film	KYD	24,000	19,200	80	2021/9
	Copper Clad Laminate	KSH	12,000	13,200	110	2022/1
	Prepreg	KM	24,000	28,800	120	2022/1
	Glass Fabrics	KM	0	90,600	100	2021/9
	PCB	KSF	17,556	306	2	2021/3
	BPA	KMT	186	170	91	2021/10
USA	Flexible PVC Sheeting*	KMT	0	14	100	2021/11

* Expanded in Texas, USA

THE END

