

Since 1969



集盛實業股份有限公司  
ZIG SHENG INDUSTRIAL CO., LTD.

Ticker: 1455 TT



DEC 13, 2021

INNOVATION / SPECIAL / FUNCTION / INTEGRATION / ENVIRONMENT

# COMPANY PROFILE

- 1969 Company established & DTY 1<sup>st</sup> plant start up
- 1992 DTY 2<sup>nd</sup> plant start up
- 1993 Listed on the Taiwan stock exchange
- 1997 ISO-9001 certified
- 1997 DTY 3<sup>rd</sup> plant start up
- 2000 Nylon spinning 1<sup>st</sup> plant start up
- 2001 Nylon polymerization 1<sup>st</sup> plant start up
- 2004 “Innovative R&D center” founded.
- 2006 Nylon polymerization 2<sup>nd</sup> plant start up
- 2006 Compounding plant start up
- 2007 OHSAS-18000 certified
- 2010 IATF 16949 certified
- 2012 ATY plant, nylon spinning 2<sup>nd</sup> plant start up
- 2013 Nylon polymerization 3<sup>rd</sup> plant start up
- 2014 ISO 14001 certified
- 2015 GRS certified
- 2017 Published 2016 CSR report
- 2018 Established 878KW solar power plant
- 2020 New polyester spinning production line start up
- 2021 New polyester recycling granulation plant start up

## 10 PRODUCTION PLANTS

### FIBER BUSINESS DIVISION

#### 3 DTY Plants



DTY Plant I  
1969



DTY Plant II  
1992



DTY Plant III  
1997

#### 2 Spinning Plants



Spinning Plant I  
2000



Spinning Plant II  
2012



ATY Plant 2012

#### 1 ATY Plant

### CHEMICAL MATERIALS DIVISION

#### 3 Nylon Polymerization Plants, 1 Engineering Plastic Plant



Nylon Polymerization  
Plant I ,2001



Nylon Polymerization  
Plant II , 2006



Nylon Polymerization  
Plant III,2013

# MAIN PRODUCTS

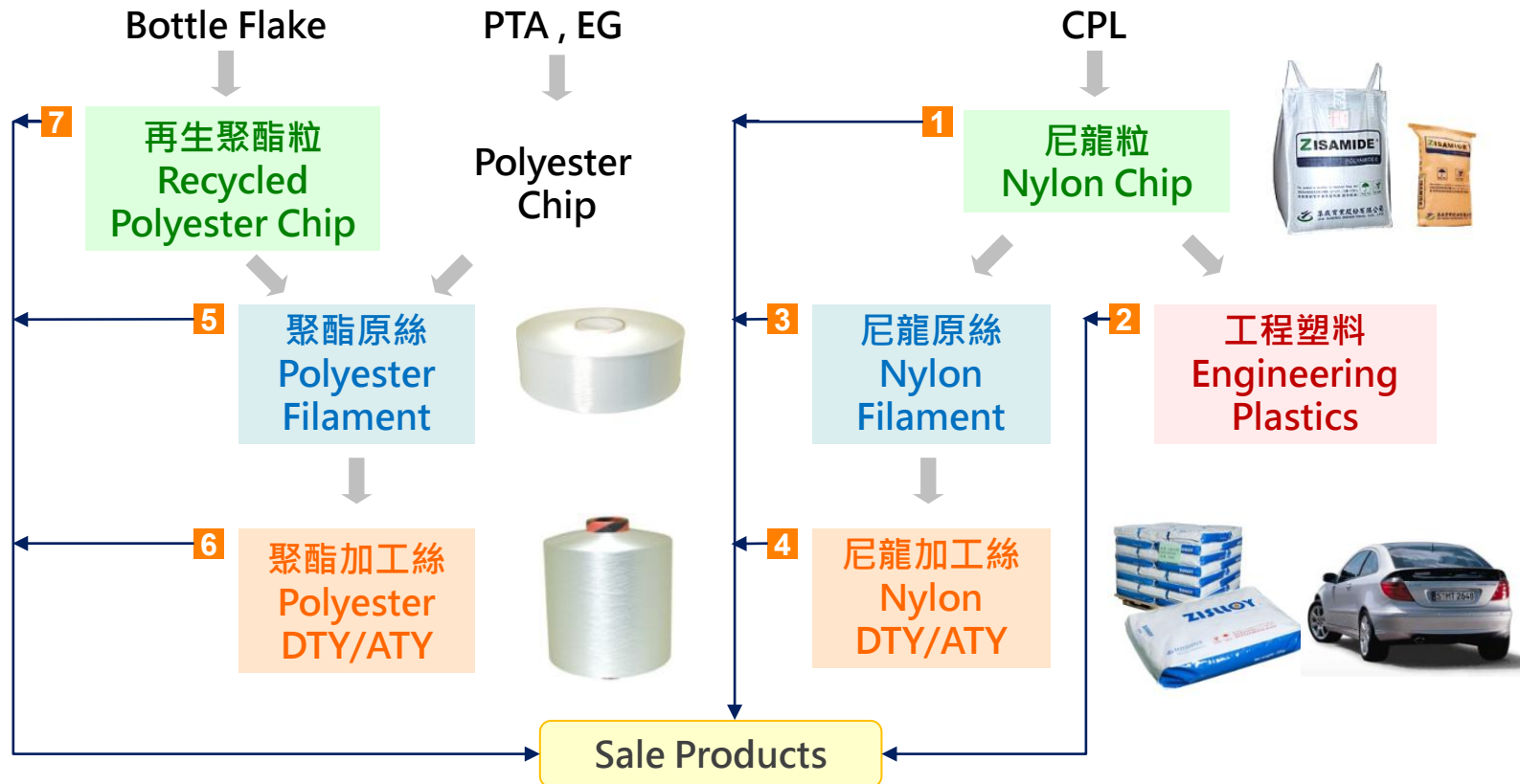
## Polyester Products

- 5 Polyester Filament **ZISLON®**
- 6 Polyester DTY/ATY **ZIS**
- 7 Recycled Polyester Chip **ecoZycle®**

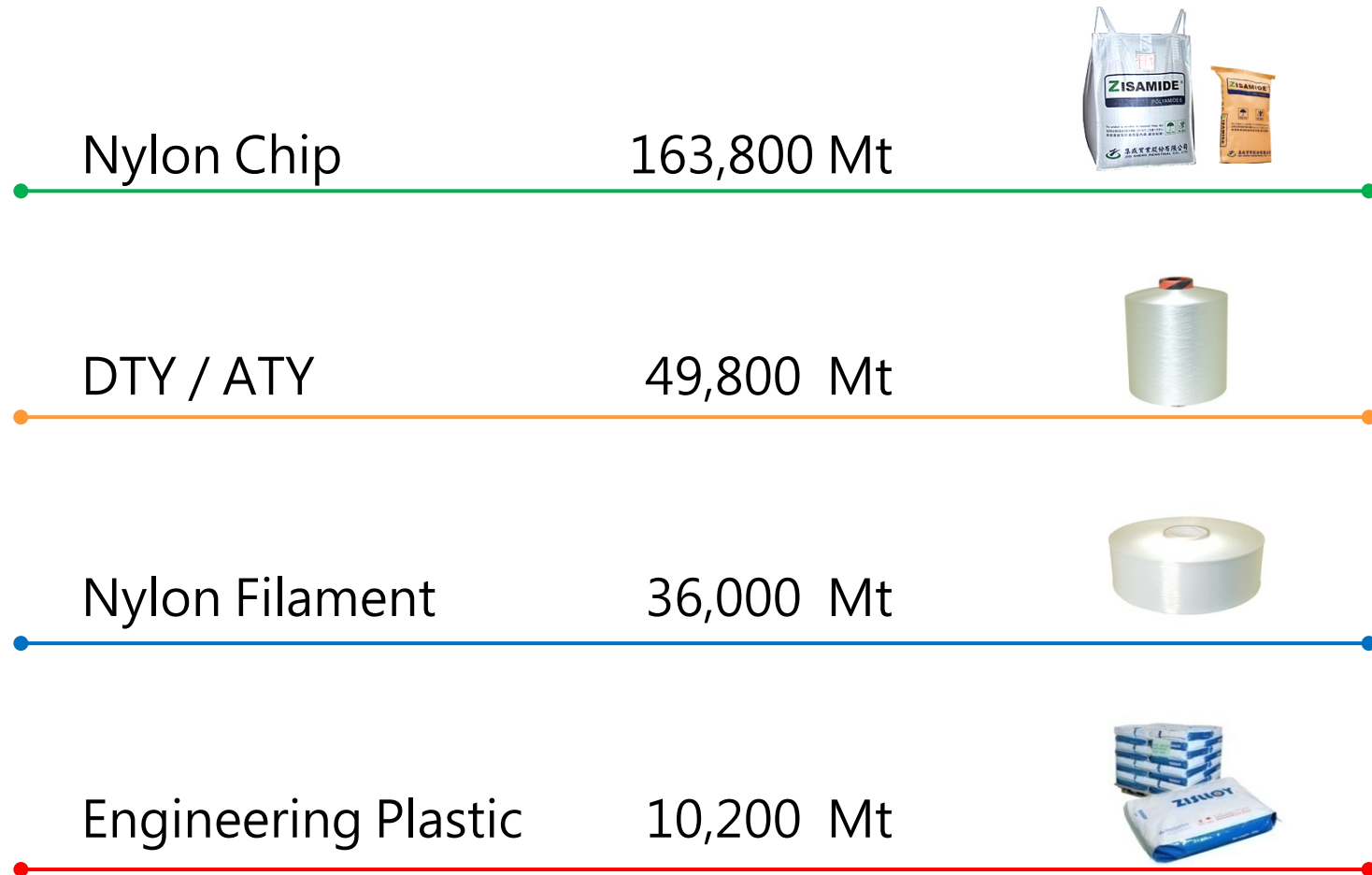
## Nylon Products

Vertical  
Integration

- 1 Nylon Chip **ZISAMIDE®**  
POLYAMIDE 6
- 2 Engineering Plastic **ZISULOY®**
- 3 Nylon Filament **ZISLON®**
- 4 Nylon DTY/ATY **ZIS**



# PRODUCT ANNUAL PRODUCTION CAPACITY



# SALES BREAKDOWN BY PRODUCTS 2021 Q1-Q3

Turnover : USD 288,900,000 (NTD 8.1 bn)

FX : 28.041

## Fiber Division

## Chemical Materials Division

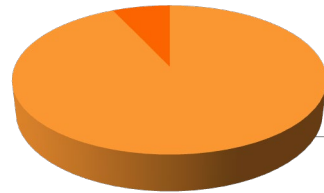


### DTY / ATY

Domestic 93.0%

Export

- Southeast Asia 2.2%
- Middle East 1.3%
- China 1.0%
- Others 2.5%

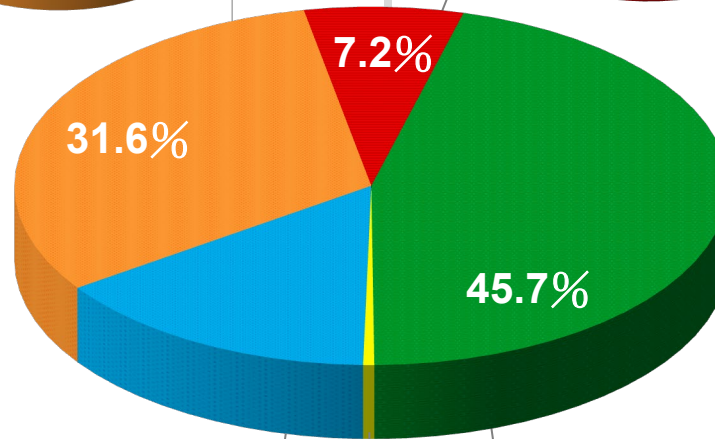
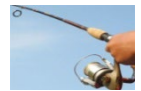
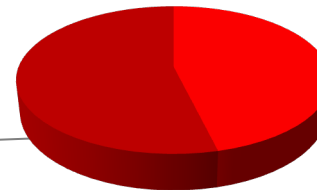


### Engineering Plastic

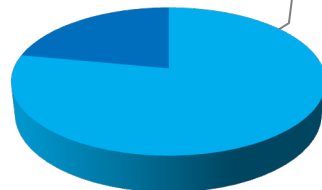
Domestic 46.2%

Export

- Southeast Asia 20.4%
- China 14.6%
- Africa 8.8%
- Others 10.0%



Others  
0.5%



### Filament

Domestic 78.0%

Export

- Central Asia 9.3%
- Southeast Asia 7.4%
- China 3.0%
- Others 2.3%



### Nylon Chip

Domestic 28.3%





Export

- Northeast Asia 27.2%
- Southeast Asia 22.5%
- China 5.5%
- Others 16.5%



# PRODUCT SALES BREAKDOWN

Unit : NTD million

Item	2021		2021		2020		2020	
	Q1-Q3		H1		Tot		Q1-Q3	
	Amount	%	Amount	%	Amount	%	Amount	%
 Nylon Chip	3,703	45.7	2,342	45.9	3,124	40.7	2,243	41.6
 DTY / ATY	2,554	31.5	1,589	31.1	2,591	33.8	1,829	33.9
 Filament	1,217	15.0	764	15.0	1,312	17.1	886	16.4
 Engineering Plastic	581	7.2	385	7.5	613	8.0	426	7.9
Others	42	0.5	27	0.5	36	0.4	13	0.2
<b>Tot</b>	<b>8,097</b>	<b>100</b>	<b>5,107</b>	<b>100</b>	<b>7,676</b>	<b>100</b>	<b>5,397</b>	<b>100</b>

# INCOME STATEMENTS

Unit : NTD million

Item	2021		2021		2020		2020	
	Q1-Q3		H1		Tot		Q1-Q3	
	Amount	%	Amount	%	Amount	%	Amount	%
Operating Revenue	8,097	100	5,107	100	7,675	100	5,397	100
Gross Profit	1,034	12.8	749	14.7	84	1.1	(177)	(3.3)
Operating Expenses	415	5.1	291	5.7	364	4.7	263	4.9
Operating Profit	619	7.6	458	9.0	(279)	(3.6)	(440)	(8.2)
Non-operating Income & Expenses	302	3.7	516	10.1	244	3.2	109	2.0
Profit Before Income Tax	921	11.4	974	19.1	(34)	(0.4)	(331)	(6.1)
Tax (Exp) Gain	(79)	(1.0)	(50)	(1.0)	(5)	(0.1)	4	-
Profit after Income Tax	842	10.4	924	18.1	(40)	(0.5)	(327)	(6.1)
EPS (NTD)	\$ 1.58		\$ 1.74		(\$ 0.07)		(\$ 0.56)	

# FINANCIAL INDEX

Unit : NTD million

Item	2021 Q3	2020	2019	2018	2017
Receivables	14.07	12.43	11.70	23.64	24.92
Inventory	23.57	10.82	16.42	24.15	25.05
Fixed assets	47.73	47.36	47.47	48.57	55.26
Total assets	107.46	89.27	96.19	114.58	121.19
Long short-term loans	20.20	11.60	11.84	21.39	21.29
Capital	53.17	55.00	61.18	61.18	61.18
Liabilities ratio	32.6%	26.9%	25.1%	33.6%	35.9%
Current ratio	152.8%	147.7%	167.4%	156.1%	144.3%
Book value per share (NTD)	13.6	12.3	11.8	12.4	12.7



# FUTURE PROSPECT

## Nylon Products

### 1. Nylon Chip

- In 2021, we have optimized and consolidated polymerization production lines and product portfolio. Productivity increase and cost reduction resulted in profit gains.
- Maintain Strict control of raw material and finished inventory to reduce inventory valuation risk.
- Future CPL prices should not fluctuate greatly. With stable customers, profitability shall be able to maintain next year.

# FUTURE PROSPECT

## Nylon Products

### 2. Nylon Filament

- With fully integrated production lines and without products of inferior profit performances, gross margin is expected to rise respectively in 2021.
- Nylon Filament department is having positive forecast in 2022.

# FUTURE PROSPECT

Nylon Products

## 3. Nylon DTY

Gross margin in 2021 is higher than previous year and expected to continue in 2022.

# FUTURE PROSPECT

Nylon Products

## 4. Engineering Plastic

- 2021 profitability gain driven by increased sales and unit price.
- Next year, more focus will be on polyamide-66 portfolio optimization. Continued growth are expected.

# FUTURE PROSPECT

## Polyester Products

- This year new polyester POY lines are in full production, achieving vertical integration advantage.
- In 2022, two more new DTY lines will be installed in place to boost polyester DTY sales.
- The new polyester recycling granulation plant completed in 2021 Q4. Its bottle recycled PET chips will fulfill customer's increase demand of environmentally friendly products and year 2022 profitability.

# FUTURE PROSPECT

2022

## Conclusion

- The company's overall operating performance this year has improved significantly compared with previous years. Profit per share for the first three quarters reached NTD 1.58.
- The business operations next year can still be viewed with optimism. With the entire team's effort, there should be room for improvement.

# PRODUCT THAT CONTAINS ZIG SHENG MATERIALS

## • FIBER DIVISION



## • CHEMICAL MATERIALS DIVISION



# THANKS

