The First Six Months of the Fiscal Year Ending March 31, 2024 Financial Results Briefing

November 14, 2023



Stock code: 4215 TSE Prime Market





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Consolidated Financial Highlights



Financial results for the first six months of the fiscal year ending March 2024

(millions of yen)

	Six months ended September 30, 2022	Six months ended September 30, 2023	Year on year
Net sales	72,515	67,943	-4,571
Operating income	3,090	2,393	-696
Ordinary profit	3,318	2,588	-730
Profit attributable to owners of parent	1,862	1,888	25

Net sales

Although the infrastructure business recovered owing to the Howell piping recovery and flooring materials remained strong, overall net sales declined mainly owing to a significant decline in sales of shrinkable film due to the slump in the North American market, sluggish sales of housing materials due to reasons such as a decrease in the number of new housing starts, and sluggish growth in high functional materials due to a delay in the recovery of the semiconductor market.

Operating income

BAC^{*1}, a North American subsidiary of Shrinkable Film Business, BLA^{*2}, a South American subsidiary of Shrinkable Film Business, and BLX^{*3}, a European subsidiary of Decorative Materials Business, posted sharp declines in profit due to a decline in sales volume caused by the prolonged slump in the North and South American and European markets.

Profit attributable to owners of parent

Although there was a decline in the operating income level, extraordinary gains and losses improved mainly owing to gains on sales of securities resulting from the dissolution of cross-shareholdings, resulting in an increase in profit.

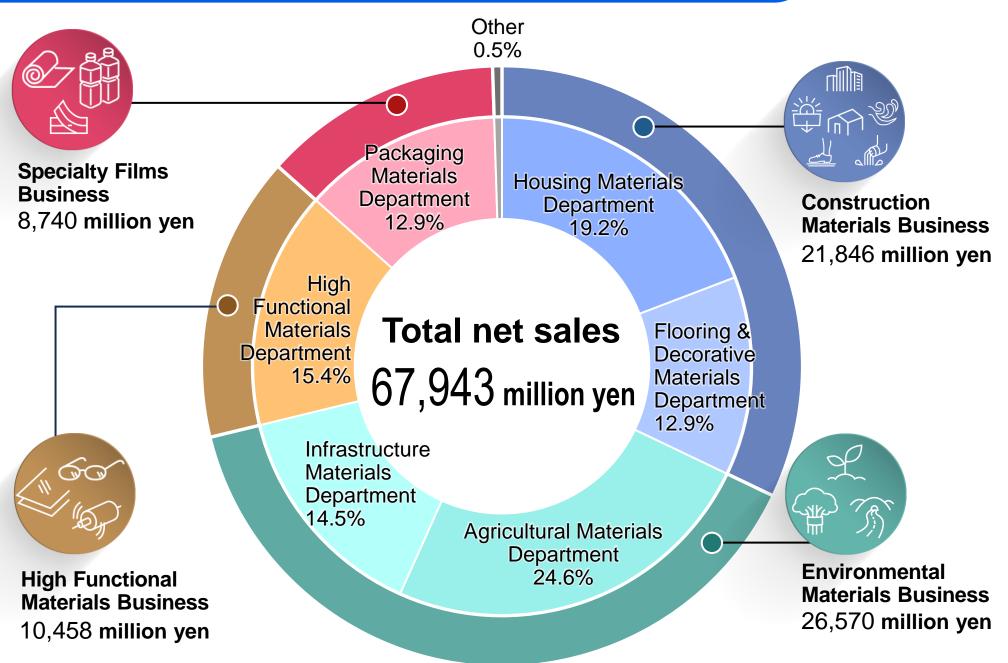
*1 BONSET AMERICA, *2 BONSET LATIN AMERICA, *3 BONLEX EUROPE

Consolidated Statements of Income



	Results					
	Six months September 3			Six months ended September 30, 2023		
	Amount	Percentage	Amount	Percentage	Year o Increase/	n year Rate of
					decrease	change
Net sales	72,515	100.0%	67,943	100.0%	-4,571	-6.3%
Gross profit	19,218	26.5%	17,799	26.2%	-1,419	-7.4%
Selling, general and administrative expenses	16,127	22.2%	15,405	22.7%	-722	-4.5%
Operating income	3,090	4.3%	2,393	3.5%	-696	-22.5%
Ordinary profit	3,318	4.6%	2,588	3.8%	-730	-22.0%
Profit attributable to owners of parent	1,862	2.6%	1,888	2.8%	25	+1.4%
Overseas net sales	13,975	19.3%	9,629	14.2%	-4,346	-31.1%
Earnings per share	19.16 yen		19.41 yen		0.25 yen	+1.3%

Percentage of Net Sales by Segment



I. TAKIRON

1-4. Consolidated Financial Results for the First Six Months of the Fiscal Year Ending March 31, 2024

Environmental

13,680

12,890

Materials

14,795

14.247

13,267

12,506

1Q

Quarterly Trends by Segment

Construction

11,103

10,743

Materials

10,749

Net sales by segment

11,786

11,035

11,223

1Q

2Q

3Q

(millions of yen)

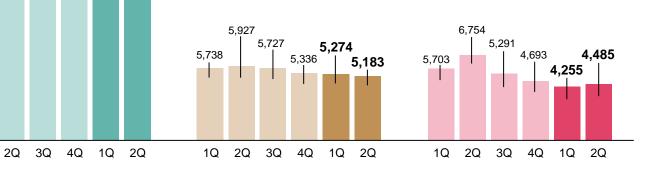
15,000

10,000

5,000

0



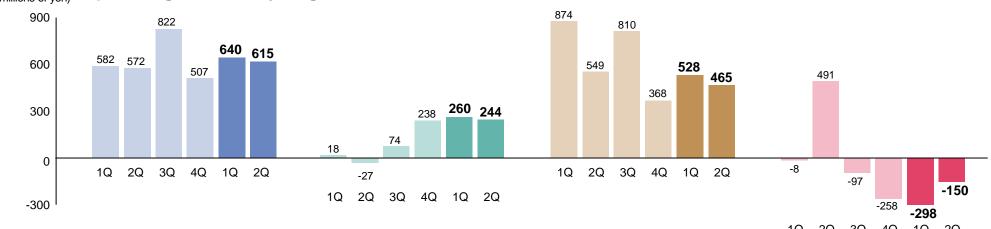


(millions of yen) Operating income by segment

4Q

1Q

2Q



1Q 2Q 3Q 4Q 1Q 2Q

Key Related Indicator Trends



Se	egment	Related indicator	FY2020 → FY2021	FY2021 → FY2022	FY2022 → FY2023	Overview of FY2023
	Construction	New housing starts	-	*	*	Down sharply from the previous year owing to reasons such as higher housing prices and rising prices of commodities.
	Materials Segment	Renovation work on condominiums		•		Post-coronavirus postponed projects have settled, and demand has been on track as initially forecasted.
	Environmental	Demand for agricultural materials	•	*	*	Declining demand for renewals due to rising prices of various materials against the backdrop of continued rise in prices such as raw material costs.
	Materials Segment	Status of civil engineering and public works	*	*	-	The construction of projects related to our company are still suspended or postponed, but the recovery of new construction is expected owing to the end of the COVID-19 pandemic.
	High Functional Materials Segment	Demand for semiconductors	1	•	*	After nearly a year of global market contraction into which the active market had suddenly changed, there are finally signs of bottoming out.
	Specialty Films Segment	Consumption trends of household goods such as PET bottles and food	•	*	*	Owing to the effects of recent high prices, there has been no significant recovery, and the overall performance has been weak.

* Related indicators and overviews were determined in our company based on interviews with business partners of our company and are not based on public data.



Construction Materials Business Segment

Housing Materials Business

Net sales: Although there was an increase in sales due to product price increases associated with higher raw material prices and a recovery in demand for signage, sales to residential and non-residential properties remained sluggish owing to a decrease in the number of new housing starts and a decrease in capital investment due to higher construction materials and livestock feed prices, resulting in a decrease in net sales of total business.

Operating income:

In the case of daylighting building materials, profit decreased owing to low sales volume and rise in raw material prices, but overall profit of the business increased owing to cost transfer to product prices, reduction in fixed costs, and improvement in earnings in the signage field.

Flooring & Decorative Materials Business

Net sales: Sales of flooring materials to condominium renovations in Japan remained steady. On the other hand, although demand for decorative materials in China and Australia was on a recovery trend, there was prolonged cooling of the furniture market in North America and Europe, where financial tightening continues. As a result, overall sales of the total business remained at the same level as the previous year.

• Operating income: In decorative materials, profit fell largely owing to a decline in sales volume, despite improvements in sea freight rates and electricity prices in Europe. On the other hand, profit of flooring materials increased, partly owing to the second price hike of products associated with the rise in raw material prices. As a result, overall profit of the total business increased.

Cons	truction					(millions of yen)		
Construction Materials Business		Six months ended September 30, 2022	Si	Six months ended September 30, 2023				
		2Q total	1st Q	2nd Q	2Q -	total		
		Results	Results	Results	Results	Year on year		
	Construction Materials Business total	22,259	11,103	10,743	21,846	-412 (-1.9%)		
Net sales	Housing Materials Business	13,324	6,555	6,474	13,030	-294 (-2.2%)		
	Flooring & Decorative Materials Business	8,934	4,548	4,268	8,816	-117 (-1.3%)		
	Construction Materials Business total	1,154 (5.2%)	640 (5.8%)	615 (5.7%)	1,255 (5.7%)	101 (+8.8%)		
Operating income	Housing Materials Business	753 (5.7%)	332 (5.1%)	502 (7.8%)	835 (6.4%)	81 (+10.8%)		
	Flooring & Decorative Materials Business	400 (4.5%)	307 (6.8%)	112 (2.6%)	420 (4.8%)	19 (+4.9%)		

1-7. Consolidated Financial Results for the First Six Months of the Fiscal Year Ending March 31, 2024 Overview by Segment: Environmental Materials Business Segment



Environmental Materials Business Segment

Agricultural Ma	aterials Business	
Net sales:	Although the construction of plastic greenhouses continued to perform well following the previous fiscal year, the decline in crop yields due to extreme weather events such as record-breaking heat and heavy rain caused a decline in the willingness of producers to invest, resulting in sluggish growth in agricultural materials. As a result, overall sales of the business decreased.	
Operating income:	There was also a downward push by competitors, but the decline was minimal.	
Infrastructure M	laterials Business	
Net sales:	Although pipe renewal remained sluggish owing to delays in construction projects, overall sales of the business increased owing to a recovery in demand for Howell piping and continued strong sales of rotationally molded products and civil engineering sheet shields.	ſ
Operating income:	In addition to the increase in revenue, the plant improved its profitability and operating income became profitable.	

E pvir	onmontal					(millions of yen)		
Environmental Materials Business		Six months ended September 30, 2022	Si	Six months ended September 30, 2023				
		2Q total	1st Q	2nd Q	2Q -	total		
		Results	Results	Results	Results	Year on year		
	Environmental Materials Business total	25,774	13,680	12,890	26,570	796 (+3.1%)		
Net sales	Agricultural Materials Business	16,857	9,009	7,717	16,727	-129 (-0.8%)		
	Infrastructure Materials Business	8,917	4,670	5,172	9,843	926 (+10.4%)		
	Environmental Materials Business total	-8 ()	260 (1.9%)	244 (1.9%)	504 (1.9%)	513 ()		
Operating income	Agricultural Materials Business	289 (1.7%)	191 (2.1%)	91 (1.2%)	283 (1.7%)	-6 (-2.1%)		
	Infrastructure Materials Business	-298 (-3.3%)	68 (1.5%)	152 (3.0%)	221 (2.2%)	519 ()		

1-8. Consolidated Financial Results for the First Six Months of the Fiscal Year Ending March 31, 2024 Overview by Segment: High Functional Materials Business Segment

High Functional Materials Business Segment

High Functional Materials Business

Net sales: Sales of industrial plastic plates and engineering plastics for manufacturing equipment fell owing to the impact of the semiconductor inventory adjustment and related production cuts by semiconductor manufacturing equipment manufacturers. Sales of nanomaterials for electronic circuit boards were lower than a year earlier owing to continued weakness in the memory market, particularly DRAM. Micro motors remained weak owing to inventory adjustments in major sectors such as consumer equipment.

On the other hand, sales of acetate plates for eyeglass frames increased owing to strong demand from domestic and overseas brand manufacturers.

Operating income:
Profit declined significantly owing to the effects of rising prices of resin raw materials, etc., utility costs such as electricity and fuel, and rising logistics costs, in addition to the decline in sales volume.

Operating income	High Functional Materials Business total	1,424 (12.2%)	528 (10.0%)	465 (9.0%)	993 (9.5%)	-430 (-30.2%)
Net sales	High Functional Materials Business total	11,665	5,274	5,183	10,458	-1,207 (-10.4%)
		Results	Results	Results	Results	Year on year
		2Q total	1st Q	2nd Q	2Q -	total
High Functional Materials Business		Six months ended September 30, 2022	Six months ended September 30, 2023			



1-9. Consolidated Financial Results for the First Six Months of the Fiscal Year Ending March 31, 2024 Overview by Segment: Specialty Films Business Segment



Specialty Films Business Segment

Packaging Materials Business

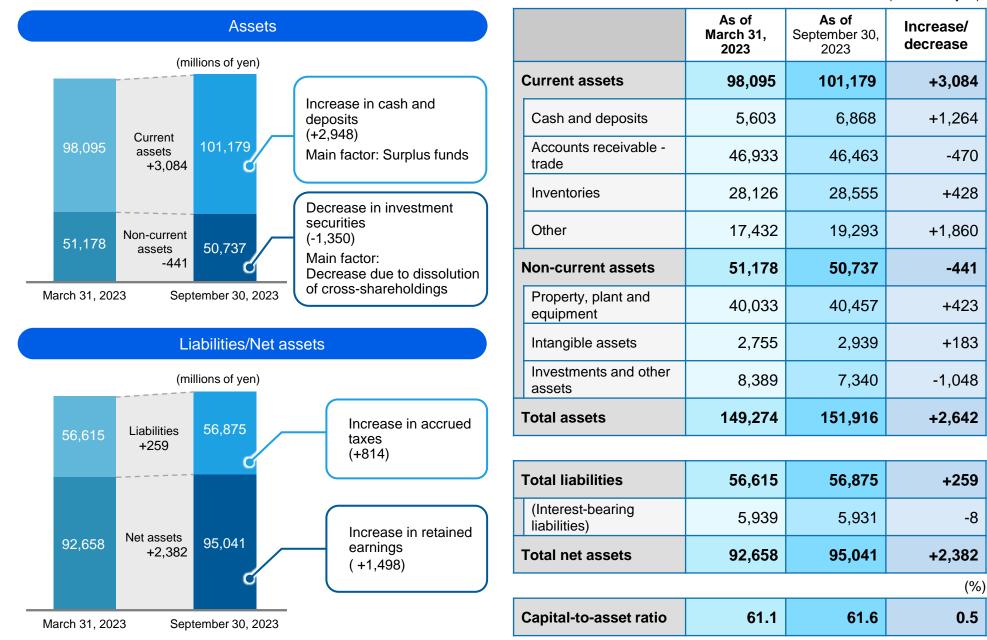
Net sales: The production and sales in North America and South America have been low owing to the sluggish market in Europe and the United States, especially the prolonged distribution inventory adjustments in the North American market, resulting in a significant decrease in sales of shrinkable film. On the other hand, domestic sales of zipper tapes remained at the same level as last year, while overseas sales, especially in Europe and the Middle East, were generally weak, resulting in a decrease in sales.

• Operating income: For shrinkable film, the main markets in North America and South America were weak, resulting in a large operating loss. Although operating income of zipper tapes was secured despite the impact from a delay in passing on the rise in raw material prices in Japan and a slump in overseas sales, the business as a whole suffered a large operating deficit.

Specialty Films Business		Six months ended September 30, 2022	Six months ended September 30, 2023			
		2Q total	1st Q	2nd Q	2Q	total
		Results	Results	Results	Results	Year on year
Net sales	Specialty Films Business (Packaging Materials Business) total	12,457	4,255	4,485	8,740	-3,716 (-29.8%)
Operating income	Specialty Films Business (Packaging Materials Business) total	483 (3.9%)	-298 (-7.0%)	-150 (-3.4%)	-449 (-5.1%)	-932 ()

Consolidated Balance Sheets

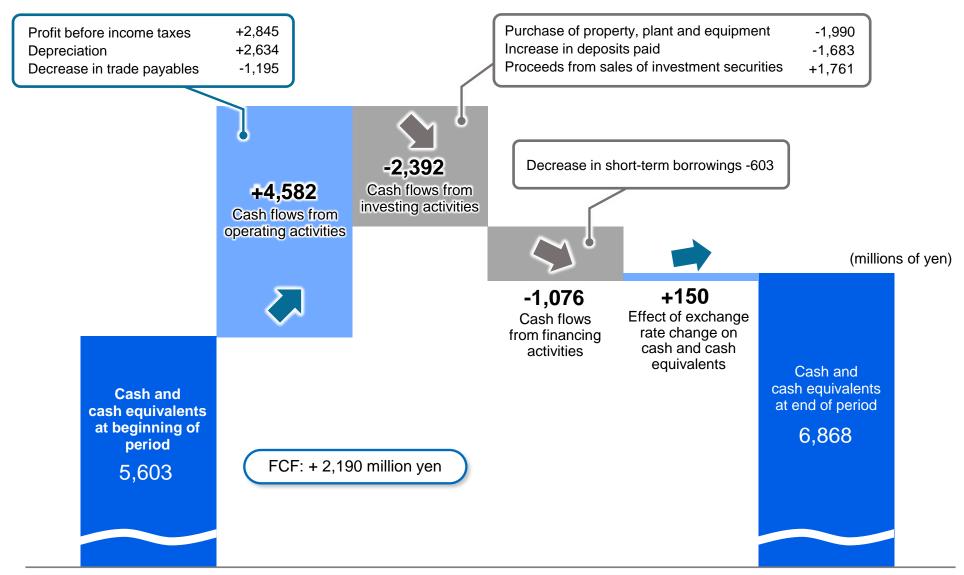




Consolidated Statements of Cash Flows



 Free cash flow increased by 2,997 million yen to +2,190 million yen from -806 million yen in the second quarter of fiscal 2023.



April 1, 2023

September 30, 2023



2 Consolidated Financial Results Forecast and Initiatives to Achieve One-Year Management Plans

Revisions to Consolidated Financial Results Forecast



	Results	Forecast					
	Fiscal year ended March 31, 2023 (cumulative)	Fiscal	year ending Marcl	year ending March 31, 2024 (cumulative)			
		Forecast at the beginning of the period		Revised forecast			
	Amount	Amount	Amount	Year on year	Increase/decrease from forecast at the beginning of the period		
Net sales	145,725	154,000	146,000	+274	-8,000		
Operating income	5,791	7,800	6,200	+408	-1,600		
Ordinary profit	5,923	8,000	6,300	+376	-1,700		
Profit attributable to owners of parent	2,460	5,000	5,000	+2,539			
Earnings per share	25.30 yen	51.41 yen	51.37 yen	26.07 yen	-0.04 yen		
ROE	2.7%	5.3%	5.3%	+2.7%			
ROA	1.7%	3.3%	3.3%	+1.7%			

2-2. Consolidated Financial Results Forecast and Initiatives to Achieve One-Year Management Plans Reasons for Revision of Consolidated Financial Results Forecast and Initiatives for the Full Achievement



Reasons for revision

Slower sales due to weak domestic market conditions

Declines in the number of new housing starts, delays in the recovery of semiconductor-related demand, etc.

2 Worsening earnings of three overseas group companies

- **BLX** Delayed recovery due to prolonged cooling of the furniture market in Europe as monetary tightening continues.
- **BAC** Continued sales slump due to prolonged distribution inventory adjustments and changes in market conditions amid tightened monetary policy.
- **BLA** Sluggish sales due to stagnant market conditions and competition with cheaper Asian products in South America.

Initiatives for the full achievement

_	Improvement in raw material prices	Continuing strategic purchasing through internal manufacturing and import expansion while closely monitoring severe market trends.
2	Improvement of sales prices	Continuing product price increases due to higher raw material and utility prices.
3	Reduction of costs and expenses	Promotion of improvement and rationalization of plant production efficiency.
_		Four companies are expected to be deleted (from nine to five) as a result of strengthened management and supervision of underperforming companies regarded as targets for critical monitoring.

Strategic transformation of one overseas group company (BLA)

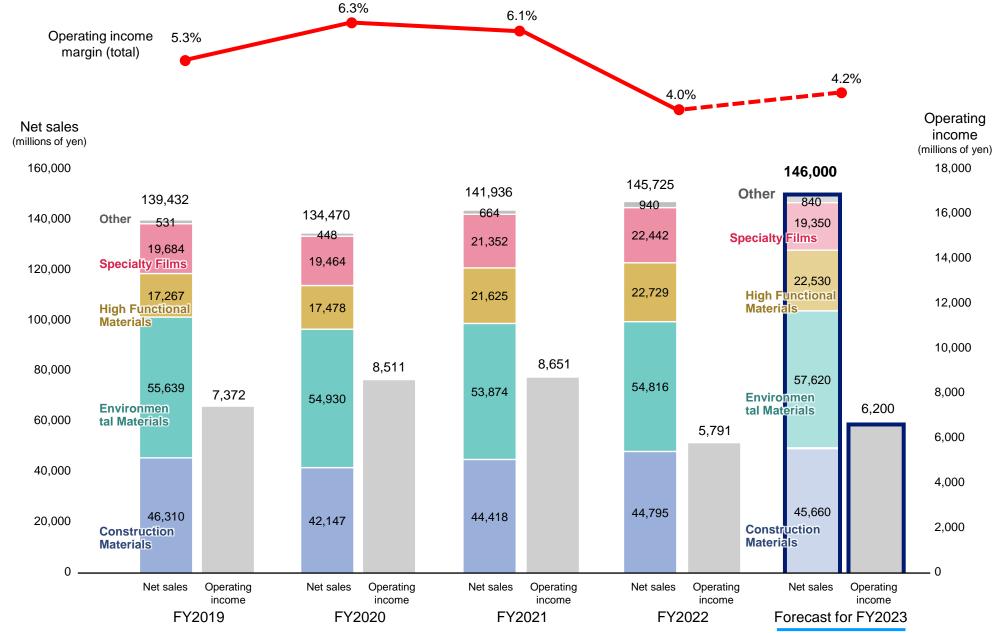
The Company has decided on the withdrawal of the business of BLA under the policy to concentrate management resources in the North American market, which is expected to grow in the future.

(BLX, BAC) (BLX, BAC)

- **BLX** Improving business profitability such as by strengthening sales in North America, improving yields and strengthening manufacturing site management.
- **BAC** By strengthening local sales, reducing management personnel, optimizing manufacturing personnel, and reducing raw material costs, the company is expected to achieve a monthly profit during the second half, leading to a V-shaped recovery in the next fiscal year.

Trends in Net Sales and Operating Income

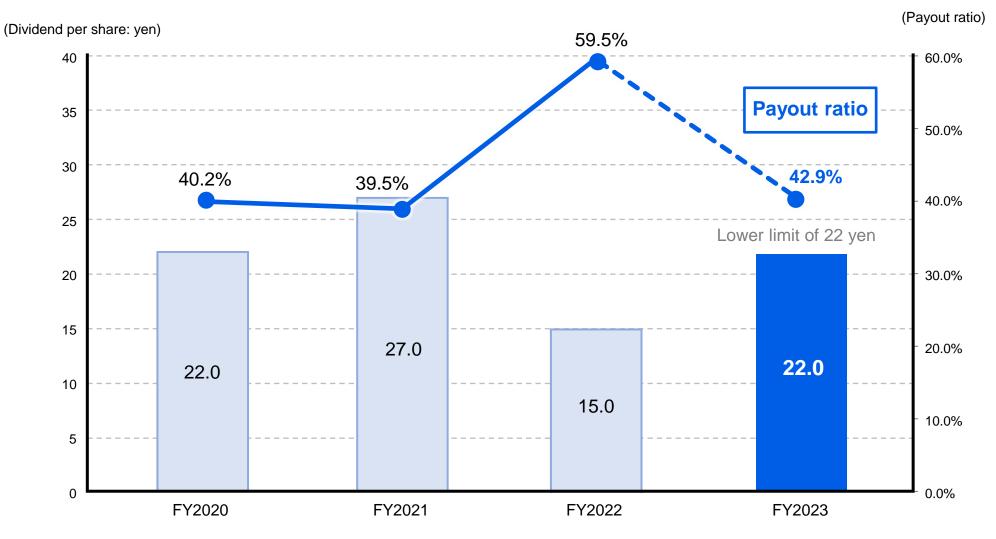




Dividend Forecast

The minimum dividend for FY2023 is 22 yen per share.

In accordance with our company policy, which sets the dividend payout ratio at 40%, the Company plans to revise upward if its performance exceeds the plan.







3 Laying the Groundwork for the Next Medium-Term Management Plan

3. Laying the Groundwork for the Next Medium-Term Management Plan (1)



Promotion of business restructuring

Establishment of the Business Restructuring Council

Each department establishes measures to achieve an operating income and to double it over the medium term. Monitor progress and discuss issues, etc. to achieve the plan.

We have a goal of restructuring the decorative materials business and increasing plate production in the high functional materials business in anticipation of recovery of demand for semiconductors.

M & A Strategy

Making business investments that contribute to business expansion.

Establishment of investment policy

Establishment of investment quotas to accelerate business restructuring.

Increase production capacity in growth areas > P. 25

Active investment in the semiconductor sector

Aggressive investment in the Aboshi Plant, the mother plant of plate production for semiconductor manufacturing equipment, will be promoted to increase production capacity. In addition, dedicated production lines are to be established at other plants and appropriate production systems will be established for future demand expansion.

Overall optimization of production system

In order to strengthen competitiveness, we will optimize all of the Group's production sites. Investment leading to improvement and rationalization of production efficiency beyond maintenance and renewal at each plant. New production investment with an eye on future demand trends.

Steadily increasing capacity and building an offensive structure

3. Laying the Groundwork for the Next Medium-Term Management Plan (2)



Fundamental review of R & D

Formulate new R & D strategy

Review of the research portfolio

By taking inventory, selecting and concentrating on research topics, we select targets for focus in the Next Medium-Term Management Plan.

New research institute plan

▶ P. 26

Laboratories spread across Aboshi/Shiga/Okayama are to be consolidated into a new R&D center, with Sanda City as a candidate for its location. Create businesses that support the future by demonstrating synergy effects.

Strengthening the new business promotion

system through organizational restructuring

We envision the establishment of a new organization to explore new fields and premarket new products and materials.

Specific examples of new initiatives

New field Challenges in the Field of Mobility

▶ P. 27

Development of polycarbonate resin windows contributes to mobility weight reduction.

New Consider the introduction of nanotechnology

Synergy with our group's nanomaterials technology is to be demonstrated through the introduction of technology from overseas.

New product Development of Environmentally Friendly Products

▶ P. 28

From the perspective of 3R + Renewables, we will promote reduce, recycle, and the use of biomass plastics and biodegradable resins.



3. Laying the Groundwork for the Next Medium-Term Management Plan (3)



Restructuring and strengthening business divisions

Business portfolio strategy

Visualize capital profitability through portfolio management using ROIC as an indicator. In addition to selecting and concentrating businesses, we will also examine and improve capital profitability at the site level.

Strengthening the functions of the Production Division

Smart Factory

The Ibogawa Plant is used as a model plant to promote the development of smart factories. After verification of its effectiveness, it is planned to be deployed to other plants.

Carbon Neutral

▶ P. 29

Scope 1 and 2 achieved the mid-term targets for FY2030 goals, but we aim for further increases. The head office and some manufacturing sites obtained ISCC PLUS certification, an international certification system for sustainable products.

Deepening the personnel system for sustainable growth

Revision of the personnel system

- Simple, performance-based grading and compensation system
- Promotion of personnel planning, selection of the right people for the right positions and promotion by selection, in order to realize management strategies
- Constructing systems to nurture human resources that will lead the future and developing a challenging culture
- Promotion by selection and training of young people (earlier development of human resources)





TOPICS

Increase Production Capacity in Growth Areas



Sites	Measures	Content	Operating time	Investment amount
Aboshi Plant First stage	Press expansion	 Production increase of plates for semiconductor manufacturing equipment 		Approx.
Shiga Plant	Effective use of existing facilities	 Conversion of calendar sheet (decorative materials) facilities to those for semiconductor applications 	FY2026	5.5 billion yen
BAC	Expansion of production lines	 Production increase of shrinkable film in North America 	FY2024	Approx. 3.5 billion yen
BLX	Expansion of production lines	 Production increase of PVC cosmetic sheets in Europe 	FY2024	Approx. 1.0 billion yen
TAKIRON- ROWLAND	Expansion of production lines	 Production increase of acetate plates for eyeglass frame materials 	FY2024	Approx. 200 million yer
All plants	New production management system	 Rationalization through the renovation of plant management systems Beginning with the Shiga Plant and the Ibogawa Plant, it is planned to expand to all plants from FY2024. 	FY2023 to FY2026	Approx. 3.0 billion yen
lbogawa Plant	Smartening	 Rationalization through AI utilization and DX 	zation and DX FY2023 to FY2026	
Hiratsuka Plant	Automation	 Streamlining by automating product packaging, transportation, and stocking 	FY2024	Approx. 400 million yer
All Group plants	Consolidation and elimination	 Transferring and consolidating/eliminating production systems to improve efficiency and reduce fixed costs 		







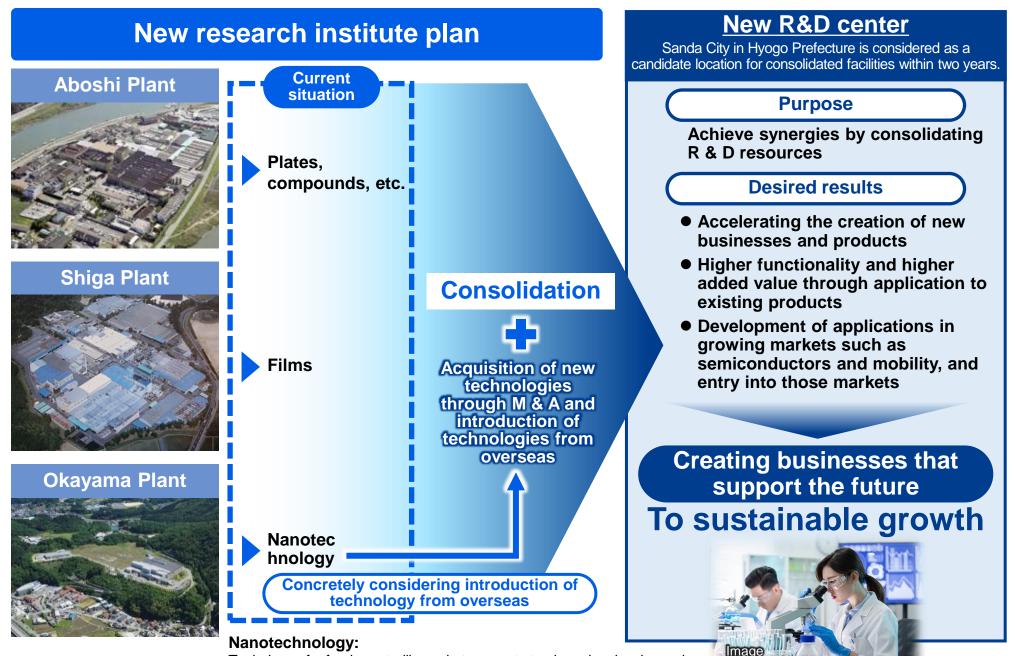




TOPICS

R & D Strategy





Techniques for freely controlling substances at atomic and molecular scales

TOPICS Challenges in the Field of Mobility



Polycarbonate resin base material applied for mobility weight reduction



"Low-carbon Polycarbonate Resin Front Window"

Our company, which manufactures, processes, and sells synthetic resin products, has developed the Low-carbon Polycarbonate Resin Front Window in collaboration with major Tier 1 manufacturers* and materials manufacturers. This window is adopted for the LEXUS's ROV* car with the first hydrogen engine for the customer experience program.

> * Tier 1 manufacturers Manufacturers that supply parts directly to finished vehicle manufacturers

* ROV Recreational Off highway Vehicle

As a countermeasure against global warming, vehicles are required to be lighter. By using polycarbonate resin windows, **weight reduction of about 5 kg can be realized**.

Our company has long been engaged in the research and development of glass-replacement resins, reducing to the maximum the distortion caused by thermal shrinkage during the manufacture of polycarbonate sheets and **ensuring their visibility as front windows**.

Development of Environmentally Friendly Products



Polycarbonate plate of 99% recycled material

PCECO, recycled polycarbonate plates with Eco Mark certification, were developed and released in February 2023.

<u>PCECO</u> is an <u>Eco Mark</u> certified product using 99% recycled materials. The 1% is an additive for adjusting hue. This is the first polycarbonate plate in the industry made of almost completely recycled materials and has been successfully commercialized without compromising impact resistance and transparency, which are performance characteristics of polycarbonates.



PCECO: Read as "PC-eco." PC is a polycarbonate.

Eco Mark: An environmental label attached only to products recognized as being useful for environmental conservation. Recyclable PET bottle label

Development of Bonpet Renew to promote PET bottle recycling in the United States

Recyclable next-generation shrinkable labels in the United States, where labels are not routinely removed and thrown away. Obtaining <u>APR</u> certification, PET bottles can be recycled without removing the label. Aiming to sell 10,000 tons of the shrinkable labels by 2025, we will contribute to enhancing the PET bottle recycling rate in the United States.



APR: The Association of Plastic Recyclers

Zipper for mono-material packaging material

Polyethylene Zipper for mono-material packaging

As an environmentally friendly product, we are developing zippers for <u>mono-material</u> packaging that are easy to recycle. They are excellent for low-temperature sealing and contribute to improvement of productivity of difficult-to-process mono-material pouches.



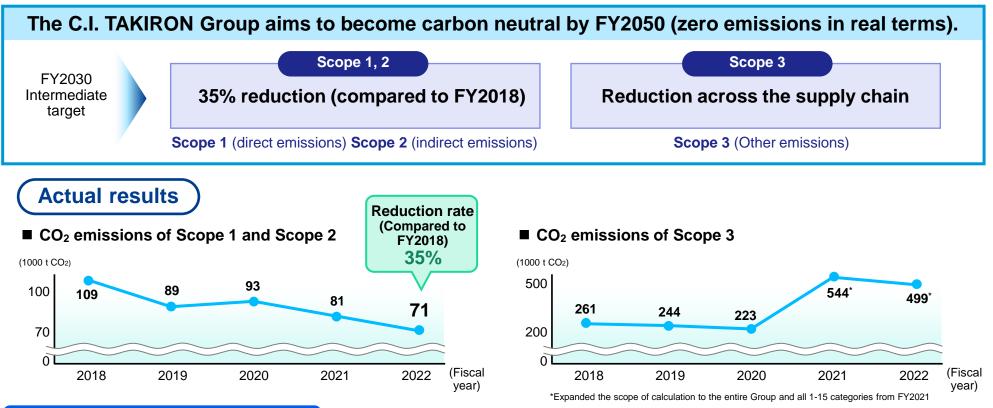
Mono-material:

Packaging materials made of multiple materials are difficult to recycle. Packaging materials manufactured from a single material (mono-material) are suitable for recycling.

Efforts toward Carbon Neutrality



Carbon Neutral Strategy



Acquisition of ISCC PLUS certification

At its head office and some of its manufacturing sites, C.I. TAKIRON has acquired ISCC PLUS certification, one of the international certification systems for sustainable products. This certification ensures that materials such as biomass raw materials and recycled raw materials are properly managed in the supply chain, including the production of products, using a mass balance method.

ISCC: "International Sustainability & Carbon Certification" = "International Sustainable Carbon Certification"

Product	Product name	Used resin	Sites	
Polycarbonate plate	Flat Sheet, Corrugated Sheet	PC	Ibogawa Plant	
Flooring material sheet	Takistron, TAKISTEP	PVC	Yasutomi Plant	
Decorative film, Decorative sheet	Belbien, Bonlex	PVC	Shiga Plant	
Shrinkable film	OPS Shrinkable Films	SBC	Okayama Plant	







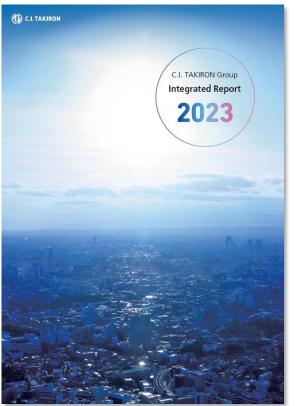
Information

Notice Concerning Issuance of Integrated Report 2023

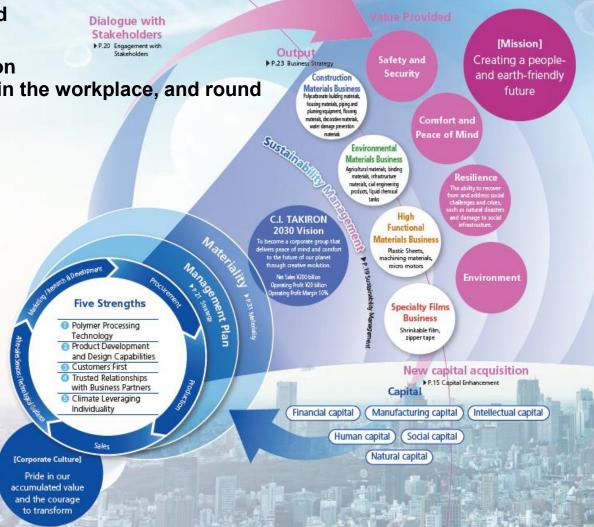


Points

- Deep digging of inputs and outputs in the value creation process
- Strategies for each business segment and foundations to support its growth
- Special Feature: Roundtable discussion on women's participation and advancement in the workplace, and round table discussion on governance



Please visit our company's official website for the Integrated Report 2023. https://www.takiron-ci.co.jp/ir/library/integrated/





Company Overview and Our Company Features

1. Corporate and Stock Information (As of September 30, 2023)



Company Information

Trade name	C.I. TAKIRON Corporation	
Established	October 10, 1919	
Incorporated	December 20, 1935	
	Tokyo Head Office 108-6031 2-15-1 Konan, Minato-ku, Tokyo (Shinagawa Intercity A Building) TEL: +81 (3)-6711-3700	
Head Office	Osaka Head Office 530-0001 3-1-3 Umeda, Kita-ku, Osaka-shi, Osaka (North Gate Building) TEL: +81 (6)-6453-3700	
Website	https://www.takiron-ci.co.jp	
Capital	15,216 million yen	
Number of employees (consolidated)	3,172 (as of March 31, 2023)	

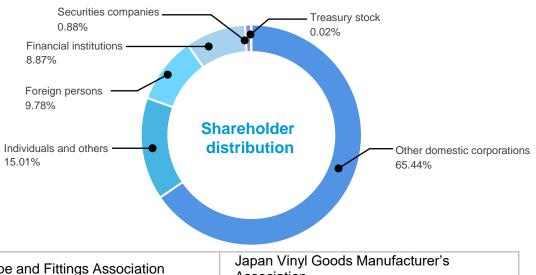
Stock information

Stock code	4215
Total number of issued shares	97,597,530
Number of shareholders	12,482
Stock listing	Tokyo Stock Exchange Prime Market
Shareholder register administrator	Sumitomo Mitsui Trust Bank, Limited
Accounting auditor	Deloitte Touche Tohmatsu LLC

Major shareholders

Name of shareholder	ratio (%)
ITOCHU Corporation	55.49%
The Master Trust Bank of Japan, Ltd. (trust fund)	5.91%
Custody Bank of Japan, Ltd. (trust fund)	1.89%
C.I. TAKIRON Employee Stock Ownership Association	1.40%
Kaneka Corporation	1.35%
DFA INTL SMALL CAP VALUE PORTFOLIO	1.01%
Watanabe Pipe Co., Ltd.	0.90%
Sekisui Jushi Corporation	0.76%
GOLDMAN SACHS INTERNATIONAL	0.52%
RE FUND 107-CLIENT AC	0.52%

(Note) The shareholding ratio is calculated by deducting treasury stock.

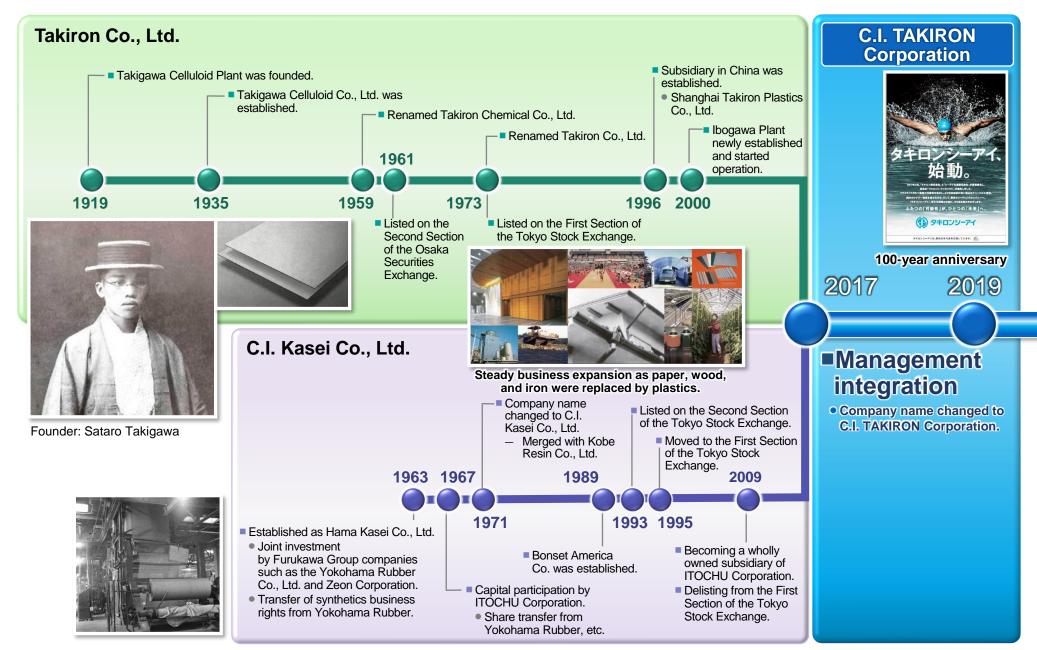


List of major participating organizations

Kansai Chemical Industry Association	Japan PVC Pipe and Fittings Association	Japan Vinyl Goods Manufacturer's Association		
Kansai Economic Federation	Japan Agricultural Cooperatives Packaging and Gardening Materials Association	JAPAN PLASTIC SHEET ASSOCIATION		
CLOMA (Japan Clean Ocean Material Alliance)	Nippon Interior Association	Agricultural Film Recycling Promotion Association		

2. Company History





3. Domestic Sites

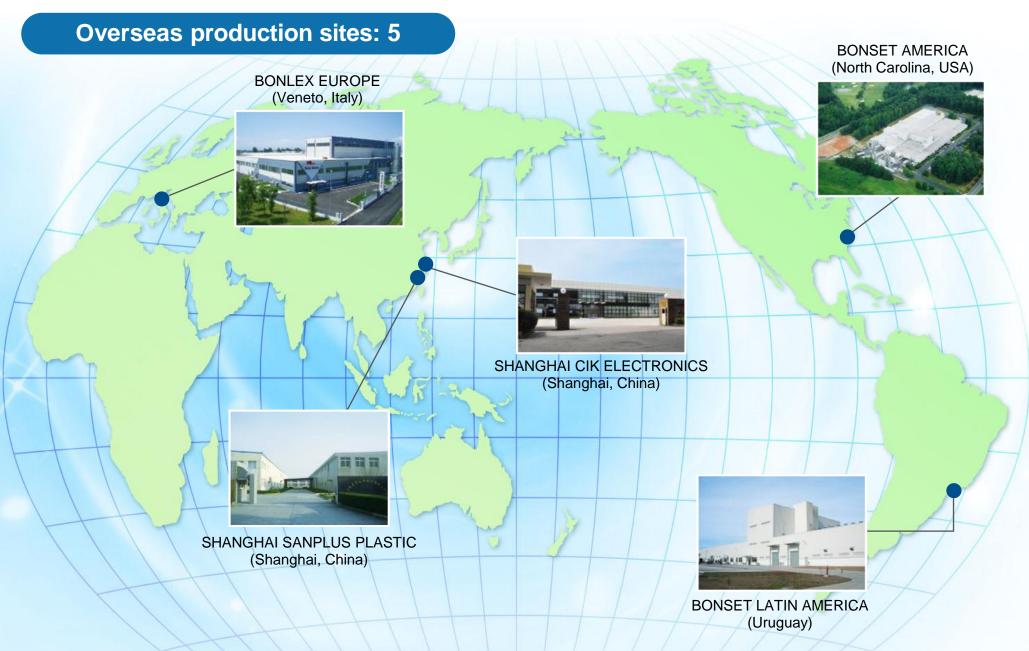


Domestic production sites and laboratories: 26



4. Overseas Sites





5. Group Overview



C.I. TAKIRON Group

Construction Materials Business	Domestic	Overseas		
Housing Materials Department	 SANWA SIGNWORKS MIYOSHI C.I. TAKIRON PLUS 			
Flooring & Decorative Materials Department	• TAKIRON MATEX	BONLEX EUROPE		
Environmental Materials Business				
Agricultural Materials Department	 HOKKAIDO SANPLUS C.I. TAKIRONAGRI C.I. MATEX 			
Infrastructure Materials Department	 DAILITE C.I. TAKIRONCIVIL 			
High Functional Materials Business				
High Functional Materials Department	 TAKIRON POLYMER CIK NANOTEK TAKIRON-ROWLAND 	• SHANGHAI CIK ELECTRONICS		
Specialty Films Business				
Packaging Materials Department	• BONPACK	 BONSET AMERICA BONSET LATIN AMERICA SHANGHAI SANPLUS PLASTIC 		
Other Group Companies				
	 TAKIRON TECH C.I. TAKIRON LOGISTICS DAIPLA WINTES MAVERIQ Partners 	• SHANGHAI C.I. KASEI TRADING		

6. Construction Materials Business





- The Housing Materials Business handles water treatment products such as gutters and drainage basins, and Lume Wall, highinsulation hollow panels made of polycarbonate resin, which are widely used for natural indoor lighting from houses to nonresidential properties.
- The Flooring & Decorative Materials Business handles flooring materials with excellent slip-resistant properties that protect the safety of poolsides, apartment hallways, stairs, etc., as well as decorative films that enhance the design of interiors and buildings.



Lume Wall: high-insulation hollow panel made of polycarbonate resin

Slip-resistant vinyl flooring

Housing Materials Business



Plate made of polycarbonate resin



Housing materials (rain gutters, etc.)



Piping and plumbing equipment



Interior and exterior decorative materials

Decorative materials made of resin

Strengths of major businesses

- Polycarbonate molding and processing technology
- Japan's best production capacity for polycarbonate building materials
- Having top share of polycarbonate made daylighting building materials and slip-resistant vinyl chloride floor materials
- Comprehensive development capability to add functionality to decorative materials
- Global expansion through overseas production sites (BLX)

Appendix 7. Environmental Materials Business





- The Environmental Materials Division consists of the Agricultural Materials Business, which proposes the optimal environment for agricultural cultivation, and the Infrastructure Materials Business, which supports the development of a safe and secure social environment.
- The Agricultural Materials Business contributes to agricultural development with a focus on high-performance agricultural films.
- The Infrastructure Materials Business supports social infrastructure through the manufacture and construction of waterproof geomembranes, high-density polyethylene pipes, and other related materials.



Strengths of major businesses

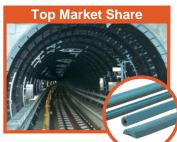
- Industry share
- Production technology capability
- Sales system and customer support capability
- Response capabilities from manufacturing and sales to design, processing, and construction



Waterproof geomembranes



Waterstops



Infrastructure Materials Business

Hydrophilic water sealing materials



High-pressure-resistant polyethylene pipe (Handling: Group companies)



Large polyethylene resin tanks (Handling: Group companies)

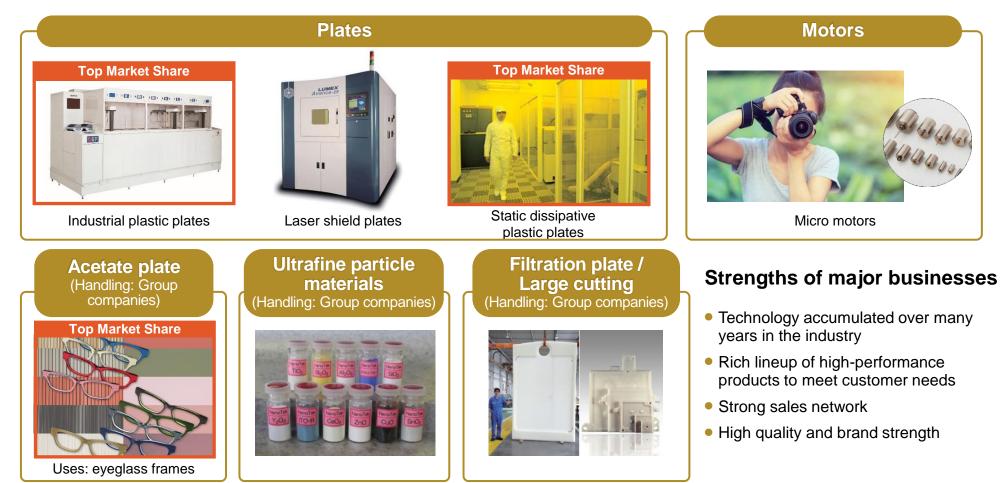
Appendix 8. High Functional Materials Business





Plate Business handling PVC, PC, PET, and other general-purpose and functional resin plates.

- Motor Business dealing with precision micro motors.
- Composed of group companies handling ultrafine particles, engineering plastics, and acetate plates.
- Offering products in a wide range of fields, from semiconductor manufacturing equipment and other products that support the industrial base to product raw materials that enrich people's lives.



9. Specialty Films Business





BONSET is a brand of shrinkable film (heat-shrinkable film) born in Japan. Utilizing the characteristics of various materials, it is used for various applications and contents such as labels, cap seals, and molded products.

SANZIP is a plastic zipper tape brand used in various fields, including food product field.

BONSET (shrinkable film)

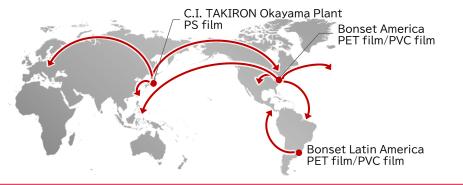


Shrinkable films Uses: beverage labels, etc.

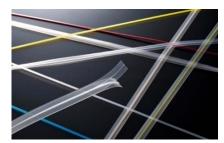


Environmentally friendly products Bonpet Renew

 Respond to worldwide demand with a global tripartite structure (Japan, North America, and South America)



SANZIP (Zipper tape)



Zipper tape Uses: pouches for food packaging, etc.



Environmentally friendly products Mono-material zipper

Strengths of major businesses

- Manufacturing and processing technology and knowledge accumulated over many years
- Manufacture of a wide variety of products for specific applications using our unique blending technology
- With production sites in Japan (Hiratsuka and Okayama) and overseas (China, the United States, and Uruguay), we are building a global optimal production and sales network (also supporting BCP).
- Meticulous response to customer needs through in-house production of dies (SANZIP)
- Expansion of development of environmentally friendly products and their lineups such as biodegradation, mono-materials, and biomass

10.Net Sales and Operating Income by Segment



	[Six Months Ended September 30, 2022			Six Months Ended September 30, 2023			
		1Q	2Q	2Q total	1Q 2Q 2Q total		total	
		Results	Results	Results	Results	Results	Results	Year on year
	Net sales	11,223	11,035	22,259	11,103	10,743	21,846	-412 (-1.9%)
	Housing Materials	6,527	6,797	13,324	6,555	6,474	13,030	-294 (-2.2%)
Construction	Flooring & Decorative Materials	4,696	4,238	8,934	4,548	4,268	8,816	-117 (-1.3%)
Materials Business	Operating income (Profit ratio)	582 (5.2%)	572 (5.2%)	1,154 (5.2%)	640 (5.8%)	615 (5.7%)	1,255 (5.7%)	101 (+8.8%)
	Housing Materials	318 (4.9%)	435 (6.4%)	753 (5.7%)	332 (5.1%)	502 (7.8%)	835 (6.4%)	81 (+10.8%)
	Flooring & Decorative Materials	264 (5.6%)	136 (3.2%)	400 (4.5%)	307 (6.8%)	112 (2.6%)	420 (4.8%)	19 (+4.9%)
	Net sales	12,506	13,267	25,774	13,680	12,890	26,570	796 (+3.1%)
	Agricultural Materials	8,427	8,429	16,857	9,009	7,717	16,727	-129 (-0.8%)
Environmental	Infrastructure Materials	4,079	4,838	8,917	4,670	5,172	9,843	926 (+10.4%)
Materials Business	Operating income (Profit ratio)	18 (0.1%)	-27 ()	-8 ()	260 (1.9%)	244 (1.9%)	504 (1.9%)	513 ()
	Agricultural Materials	215 (2.6%)	74 (0.9%)	289 (1.7%)	191 (2.1%)	91 (1.2%)	283 (1.7%)	-6 (-2.1%)
	Infrastructure Materials	-196 ()	-101 ()	-298 ()	68 (1.5%)	152 (3.0%)	221 (2.2%)	519 ()
High Functional Materials	Net sales	5,738	5,927	11,665	5,274	5,183	10,458	-1,207 (-10.4%)
Business	Operating income (Profit ratio)	874 (15.2%)	549 (9.3%)	1,424 (12.2%)	528 (10.0%)	465 (9.0%)	993 (9.5%)	-430 (-30.2%)
Specialty	Net sales	5,703	6,754	12,457	4,255	4,485	8,740	-3,716 (-29.8%)
Films Division	Operating income (Profit ratio)	-8 ()	491 (7.3%)	483 (3.9%)	-298 ()	-150 ()	-449 ()	-932 ()
	Net sales	35,312	37,202	72,515	34,433	33,509	67,943	-4,571 (-6.3%)
Total	Operating income (Profit ratio)	1,445 (4.1%)	1,644 (4.4%)	3,090 (4.3%)	1,066 (3.1%)	1,327 (4.0%)	2,393 (3.5%)	-696 (-22.5%)

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