



FIRST COPPER TECHNOLOGY CO., LTD

First Copper Technology Co., Ltd.

2024 Institutional Investor Conference

November 29, 2024



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Disclaimer

- ◆ **The presentation of information in this briefing is based on the Company's assumption of future operations that are forward-looking and is subject to risks and uncertainties and the results of actual operations may differ materially from those of the above-mentioned forward-looking statements.**
- ◆ **Except as required by law, the Company undertakes no obligation to update any forward-looking statements, whether as a result of new information, future events or otherwise.**



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Statements of Comprehensive Income - YoY: 9 Months

Unit : NT\$' 000					
Item	2024 Q1~Q3	%	2023 Q1~Q3	%	Change %
Operating revenues	2,336,885	100	1,922,799	100	22
Gross profit(loss)	116,023	5	(23,011)	(1)	604
Operating income(loss)	68,557	3	(65,291)	(3)	205
Non-operating income & expenses	201,606	9	83,194	4	142
Profit before income tax	270,163	12	17,903	1	1,409
Income tax expense					
Profit	270,163	12	17,903	1	1,409
Basic earnings per share(NT\$)	0.75		0.05		

Product Category

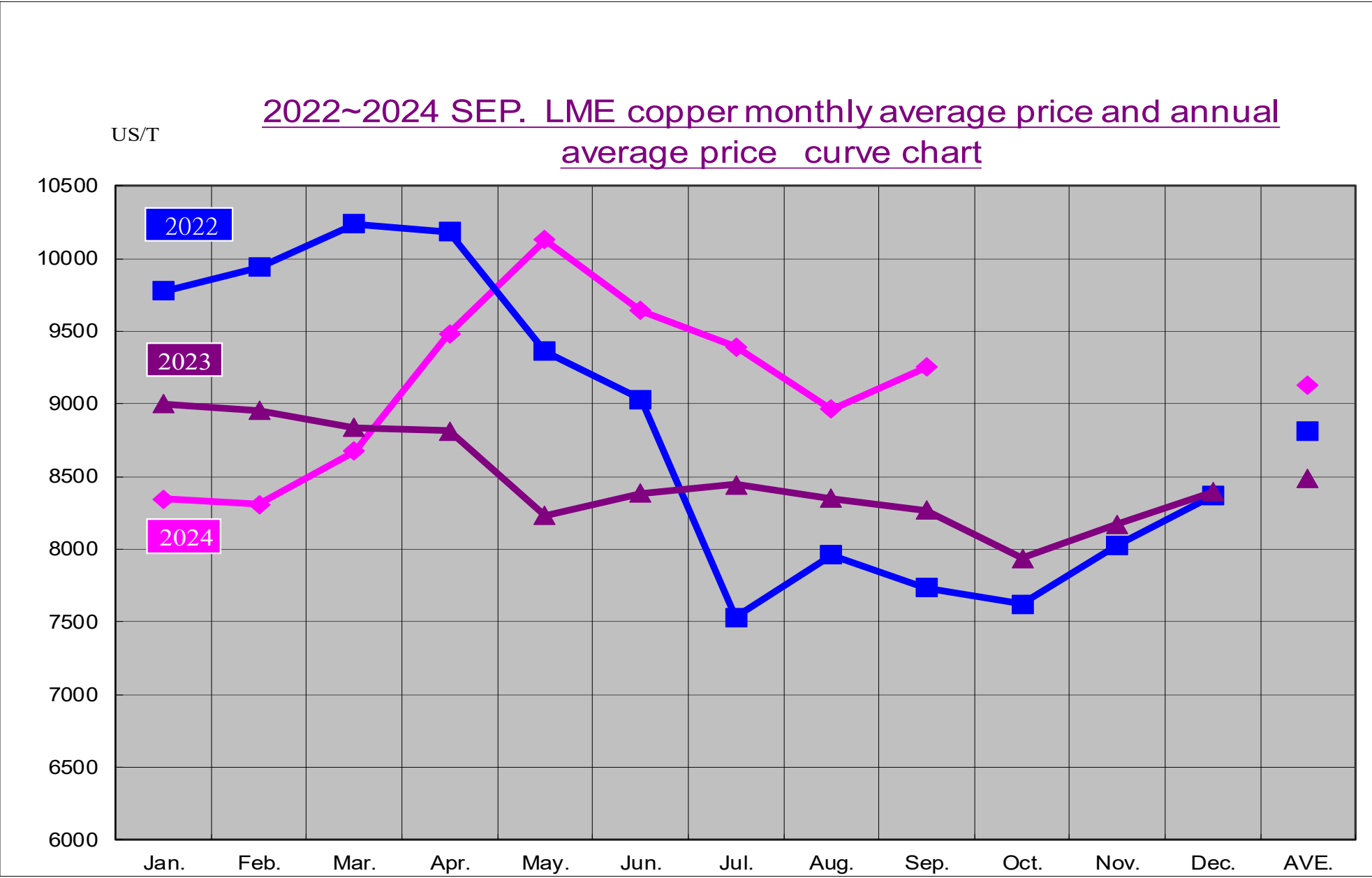
一、Classification

1. Copper alloy strip and hot rolling plate.
2. Copper alloy plating material.
3. Military materials strip, plate disk and stamping.

二、Various Series of Copper Alloy

1. Copper : C1010/C1020/C1100/C1201/C1220.
2. Cu-Zn alloy : C2801/C2680/C2600/C2300/C2400/C2200/C2100.
3. Cu-Fe alloy : C194/C19210.
4. Cu-Sn alloy : C5240/C5210/C5191/C5050/C1441/C14415.
5. Cu-Zr alloy : C151.
6. Cu- Ni-Si alloy : C7025/C7026/C1901.
7. Cu-Cr-Zr alloy : C18140.
8. Cu-Fe-Sn alloy : C50715.
9. Cu-Fe-Ni alloy : C50710.
10. Cu-Zn-Sn alloy : C4250.

Copper Price Trend



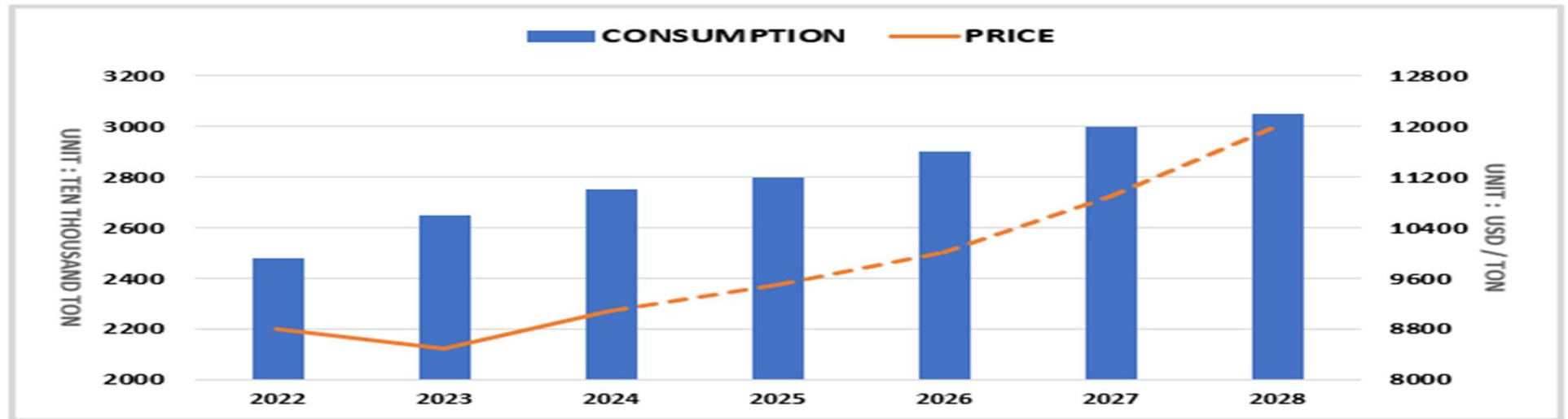


Global Copper Market

— 、 Copper Strip market demand:

1. Automobile production declined, semiconductor demand weak, copper strip manufactories reduce sales forecast.
2. Originally copper strip manufactories predict automobile production is declined, but this factor gradually fades away now.
3. Digital equipment and semiconductor relevant industries remains subdued, it is expected copper product demand recovery is limited.
4. Heat sink market is better comparing to automobile and semiconductor, especially good demand of thick strip.

二、Copper cathode consumption / Price estimate.



※Source : ICSG(International Copper Study Group).
Trading economics com.
Fitch solutions.

三、Key Factors in Copper Price Forecast.

2024 — Copper concentrate deficit.

— Fed's rate cuts.

— Rising demand from green energy sector, including EV and renewables.

◎2025 — Rising demand from energy transition.

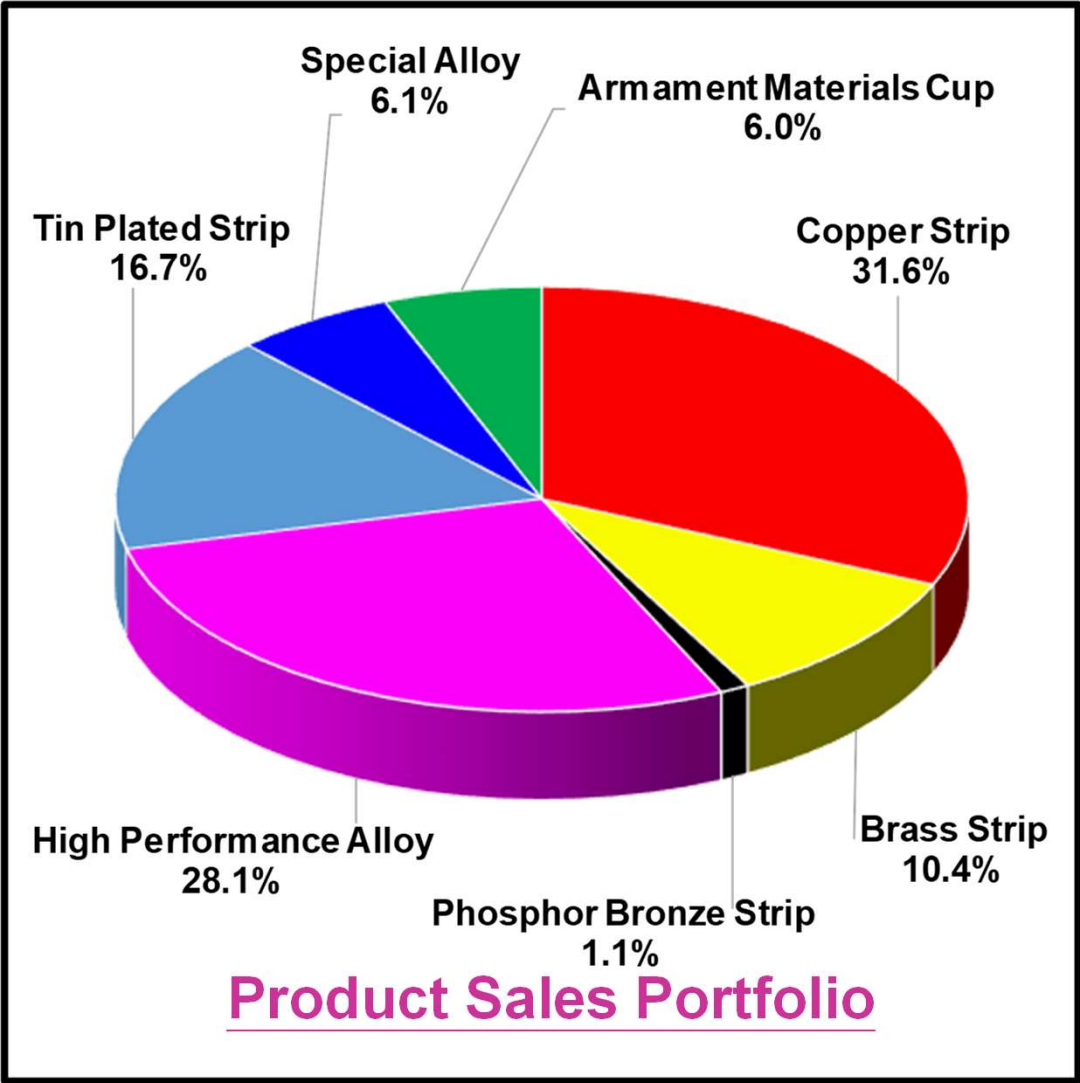
— The Fed's monetary policy.

◎2026~2030 — Rising demand from energy transition, electricity consumption.

— Copper persisted deficit.

Sales Market Information

— 、 Sales portfolio of main product

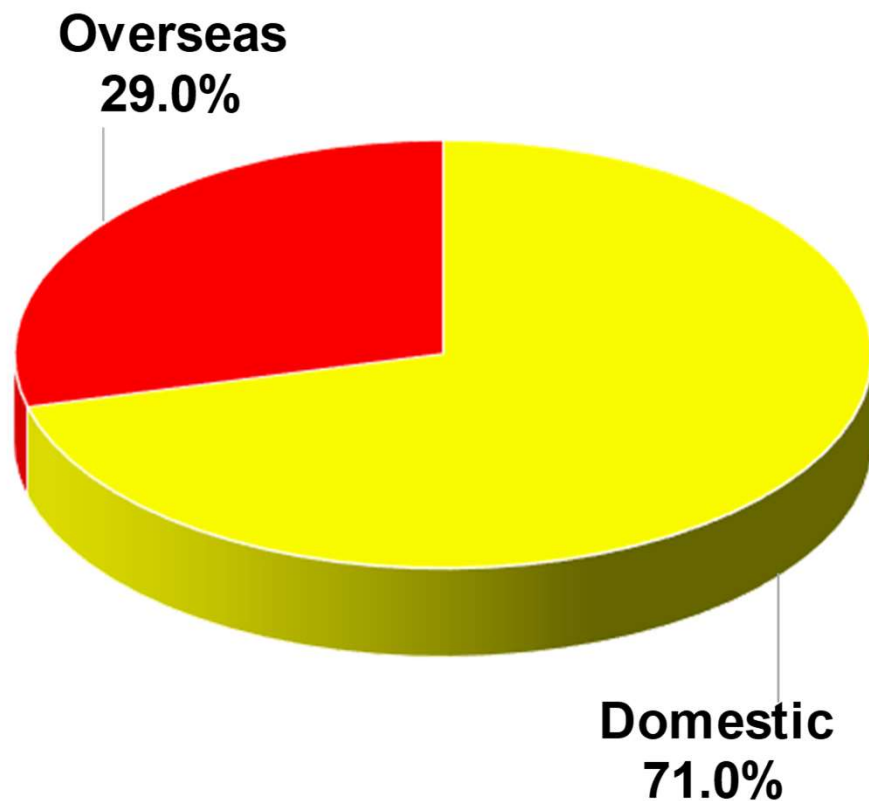


Item	Product	Proportion (%)
1	Copper Strip	31.6
2	Brass Strip	10.4
3	Phosphor Bronze Strip	1.1
4	High Performance Alloy	28.1
5	Tin Plated Strip	16.7
6	Special Alloy	6.1
7	Armament Materials Cup	6.0
8	Total	100

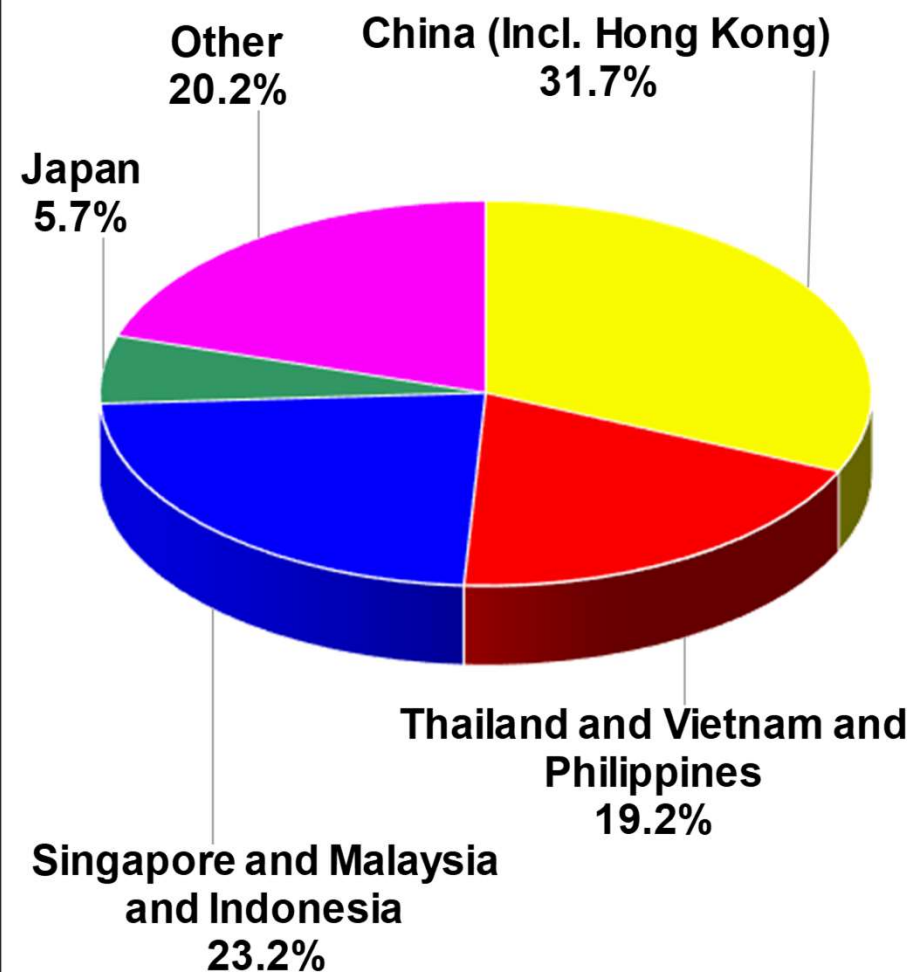


二、 Sales Distribution

Domestic / Overseas



Distribution of Sales Countries



三、First Copper Main products and global market development policy.

First Copper is at the top of Taiwan copper alloy producers who supply Taiwan and overseas customers variety products in different industries, and the three main ones are semiconductor, automobile and heat sink. 75% of First Copper's sales figures are these three and plan to increase the percentage in 2025 for the reasons below,

1. Semiconductor and its relevant industries had developed completely in technical level. Three of Taiwan semiconductor customers using copper alloy are the top four supplier in the global ranking. They have amount demand of copper alloy materials those mostly import from Japan and Germany.

First Copper is the first company producing materials of copper alloy Lead Frame with stable and mature production technology, and provide stable quality and delivery and is capable to replace Japanese and German materials. Our effort is directed toward increase service for Taiwan customers.

2. Automobile industry evolving trend is from fuel vehicle to HV and finally to EV.

Copper consumption is increasing.

Vehicle Type	Copper Consumption
Fuel vehicle	20~30KG
HV	50KG
EV	60KG

Hyundai Motor invest 10 billion Thai Baht to establish EV and battery assembly plant in Thailand and plan to start production in 2026.

EV in Thailand grows rapidly and revenue expected to reach 11 billion US dollars in 2024. Market size is to reach 13.4 billion US dollars in 2028.

Thailand is in leading position of EV market among South East and is the largest EV manufacturing center in South East with strong supply chain foundation. Its sales volume account for 55% of South East market in 2024 Q1. Hence, Hyundai Motor made investment in Thailand.

First Copper longtermly supplied vehicle connector and terminal products to Thai sole brand car manufactory over 20 years. To expand Thai market is our major target in the coming future.

3. Thick copper strip future market prediction:

Over 1mm thickness copper strip demand is increasing. Small-lot producer of copper strip demand is to continue expanding in emerging nation in Asia.

※Source : 富士キメラ総研

