

Basic Materials - China

Major commodity prices down; demand recovery slower than expected

Industry Overview

Coal: Price down amid slow demand recovery

The QHD 5,500kcal price was down 1.1% WoW at RMB923/t amid coal mine resumption & slow demand recovery. NEWC 6,000K price was up 9.7% WoW at US\$131.00/t, at 14.1% of premium vs QHD price. The Liulin No.4 HCC price was down 4% WoW to RMB2,330/t. As of Feb 28, the water inflow of Three Gorges Reservoir was 6,000 cm/s, 8% higher than 2005-23 avg. of 5,579 cm/s, while storage was 29.1 bn cm, 9% lower than 2005-23 avg. of 31.9bn cm.

Cement: Price down amid slow demand recovery

The average national cement price was down by 0.4% to RMB351/t as of 1 Mar. Cement prices in Yangtze River Delta area and Yunnan declined by RMB10-20/t, while prices in Guangxi increased by RMB20-25/t. Producers in Guizhou, Shaanxi and Gansu raised prices by RMB20-50/t. Due to shortage of funds and bad weather, cement demand recovery was slower than expected.

Steel: Price down amid lower raw material prices

The rebar price was down 1.4% WoW to RMB3,924/t and HRC was down 0.3% WoW to RMB4,050/t. Iron ore prices -2.9% WoW to US\$117.1/t. Spot rebar cash margin +RMB84/t to -RMB135/t, and spot HRC cash margin +RMB98/t to -RMB296/t. Weekly rebar/HRC production was +9.6%/-1.6% and apparent consumption +64.9%/+10.0% WoW. Mill inventory +2.6% WoW, while social inventory +6.4% WoW. According to Mysteel, steel mills were more willing to produce given lower coke & iron ore prices. However, according to social survey, the overall resumption and utilization of construction site was lower than expected, posing uncertainty to steel demand.

Metals: Major metals price mixed; slower restocking

LME aluminum price was +2.2% WoW to US\$2,228/t, while SHFE +0.8% WoW to RMB18,930/t. Domestic Al ingot inventory was up 11.7% WoW to 791kt. LME copper price -0.9% WoW at US\$8,494/t, SHFE was -0.59% WoW to RMB68,950/t. The Comex gold price up 0.94% WoW at US\$2,055/oz. Battery grade lithium carbonate price was up 6.4% WoW to RMB102.5k/t and battery grade lithium hydroxide price was up 4.3% WoW to RMB88.8k/t.

Paper: Price inched higher; weak demand

Paper price was up by 0.36% WoW to RMB3,851/t as of 28 Feb. Some paper mills revised price upward by RMB30/t early this week, while several paper mills have cancelled raising prices.

Glass: Price edged higher; slow downstream resumption

National float glass price inched higher WoW after Lantern Festival. According to SC199, downstream resumption was slower than expected, while active producers preferred inventory digestion over market procurement due to high inventory.

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Equity
China
Basic Materials

Matty Zhao >>
Research Analyst
Merrill Lynch (Hong Kong)
+852 3508 4001
matty.zhao@bofa.com

Edward Leung, CFA >>
Research Analyst
Merrill Lynch (Hong Kong)
+852 3508 3282
edward.leung@bofa.com

Miriam Chan, CFA >>
Research Analyst
Merrill Lynch (Hong Kong)
+852 3508 7478
miriam.chan@bofa.com

Cheng Gao >>
Research Analyst
Merrill Lynch (Hong Kong)
+852 3508 4340
cheng.gao2@bofa.com

Yiming Wang >>
Research Analyst
Merrill Lynch (Hong Kong)
+852 3508 5037
yiming.wang@bofa.com

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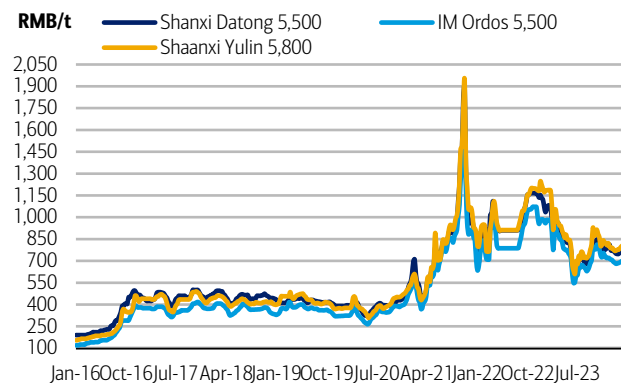
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Timestamp: 03 March 2024 04:59PM EST

Key charts

Exhibit 1: ASP at coal mine pits since 2016

Thermal coal prices at mine pits changed by -0%/+1%/+1.0% WoW to RMB764/701/806 in Shanxi (Kcal5.5k), Inner Mongolia (Kcal5.5k) and Shaanxi (Kcal5.8k)

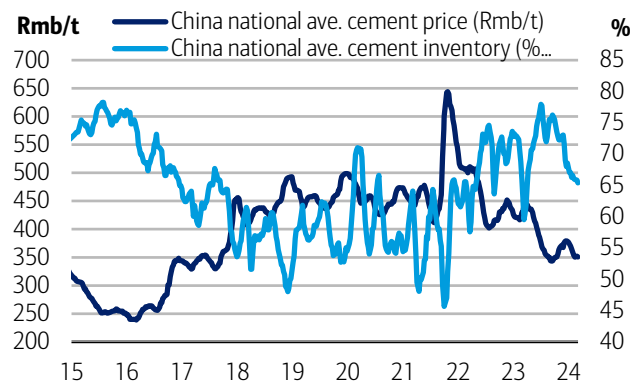


Source: Sxcoal, BofA Global Research

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Exhibit 3: China national average cement price and inventory level

Both price and inventory were down WoW

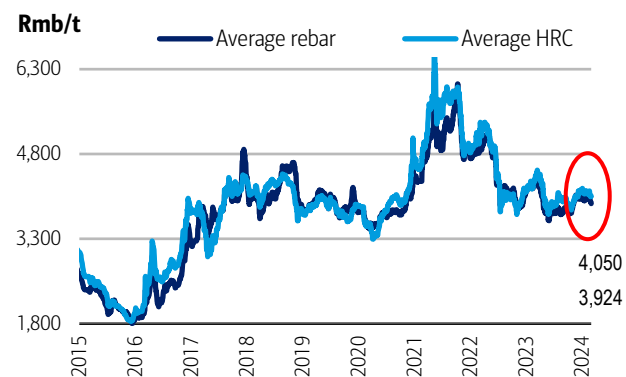


Source: Digital Cement, Company data, BofA Global Research

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Exhibit 5: China domestic steel prices at key cities

Chinese steel prices at key cities -1.4%/-0.3% WoW for rebar/HRC

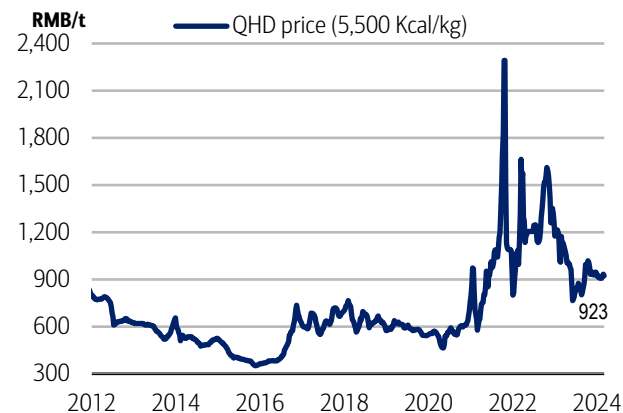


Source: Bloomberg, Wind, Sxcoal, BofA Global Research

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Exhibit 2: ASP at Qinhuangdao port (Kcal5,500)

ASP of QHD 5,500kcal spot price down 1.1% WoW to RMB923t as of 1 Mar

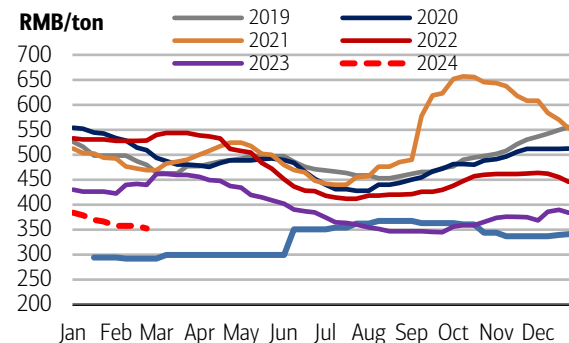


Source: Sxcoal, BofA Global Research

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Exhibit 4: East China average cement price

East China cement prices down 1.5% WoW

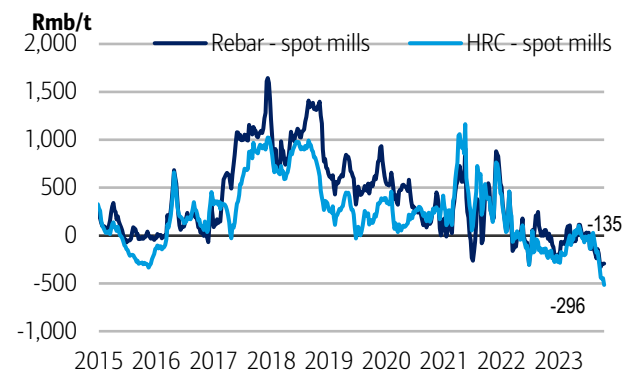


Source: Digital Cement, Company data, BofA Global Research

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Exhibit 6: Spot cash margins at steel mills

Spot rebar cash margin +RMB84/t to -RMB135/t, and spot HRC cash margin +RMB98/t to -RMB296/t

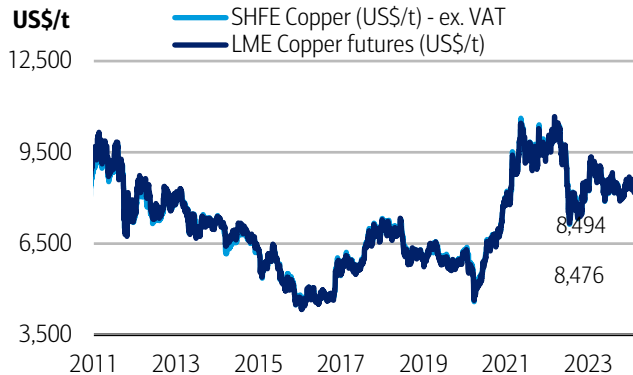


Source: Wind, BofA Global Research

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Exhibit 7: Price comparison in LME & SHFE copper

LME copper price down by 0.9% WoW to US\$8,494/t during the week ended 1 Mar, while SHFE -0.59% WoW to RMB68,950/t. SHFE is at a discount of 0.2% to LME price

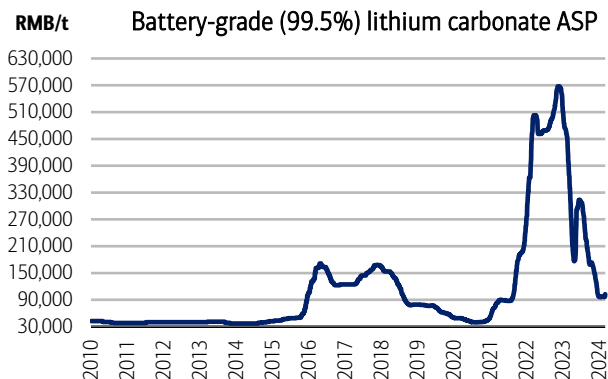


Source: Bloomberg, BofA Global Research

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Exhibit 9: Domestic battery-grade lithium carbonate ASP

Average price of domestic battery-grade lithium carbonate (99.5%) was up 6.4% WoW to RMB102.5k/t



Source: SMM, BofA Global Research

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Exhibit 11: Containerboard margin tracker

The Nine Dragons margin tracker is now indicating NP/t of RMB91/t for this week, up 6.8% WoW.

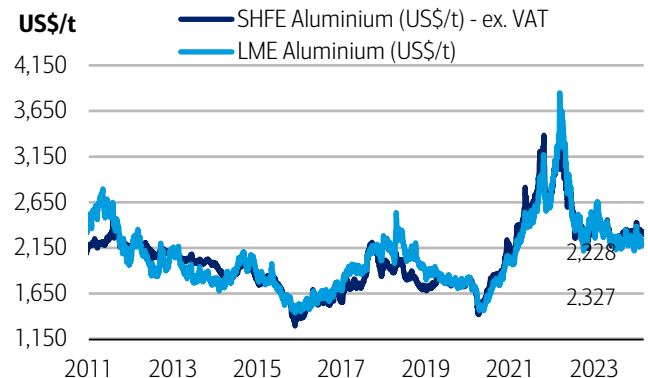


Source: BofA Global Research

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Exhibit 8: Price comparison in LME & SHFE aluminium

LME aluminium price +2.2% WoW to US\$2,228/t during the week ended 1 Mar, while SHFE up 0.8% WoW to RMB18,930/t

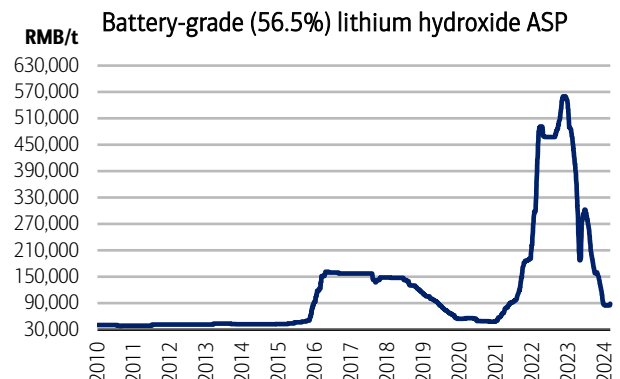


Source: Bloomberg, BofA Global Research

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Exhibit 10: Domestic battery-grade lithium hydroxide ASP

Average price of domestic battery-grade lithium hydroxide up by 4.3% WoW to RMB88.8k/t

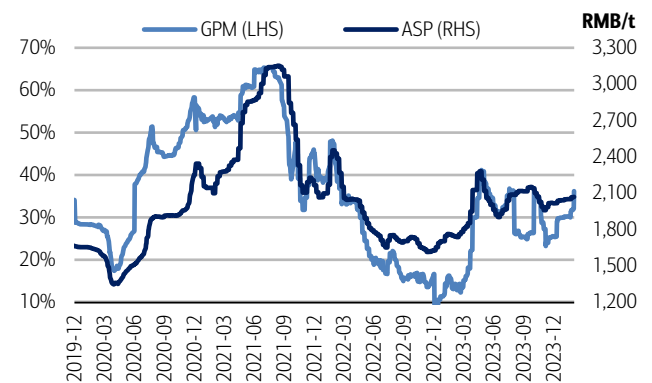


Source: SMM, BofA Global Research

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Exhibit 12: National Float Glass Price and Xinyi float glass GPM

As of 29 Feb, the national average float glass price was up 0.2% WoW to RMB2,070/t. Our analysis shows Xinyi float glass GPM was up 4.4% WoW to 36.2%



Source: Wind, BofA Global Research, SCI99

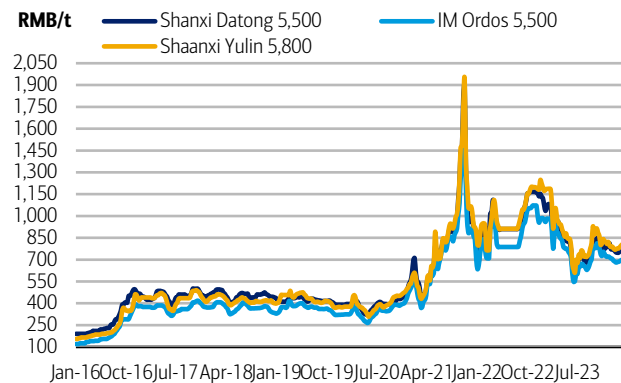
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Coal: Price down amid slow demand recovery

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Exhibit 13: ASP at coal mine pits

Thermal coal prices at mine pits changed by -0%/+1%/+1.0% WoW to RMB764/701/806 in Shanxi (Kcal5.5k), Inner Mongolia (Kcal5.5k) and Shaanxi (Kcal5.8k)

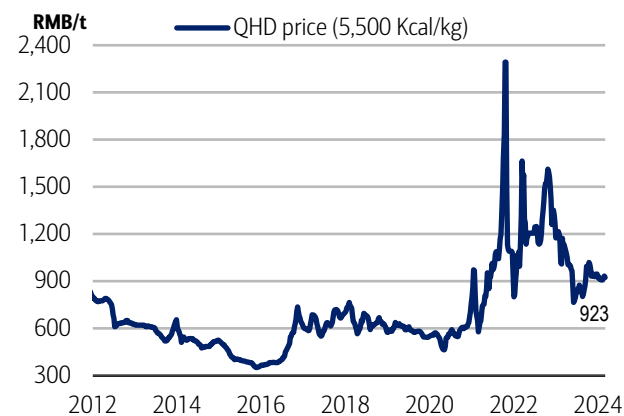


Source: Sxcoal, BofA Global Research

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Exhibit 14: ASP at Qinhuangdao port (Kcal5,500)

ASP of QHD 5,500kcal spot price down 1.1% WoW to RMB923t as of 1 Mar

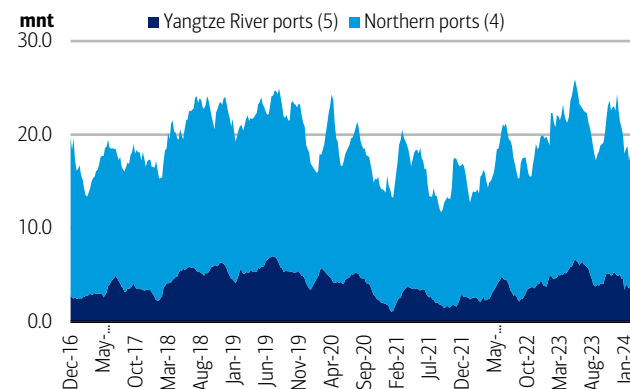


Source: Sxcoal, BofA Global Research

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Exhibit 15: Ports inventory (Northern and Southern)

Ports inventory (Northern and Southern) +1.6% WoW to 19.54mnt as of 1 Mar

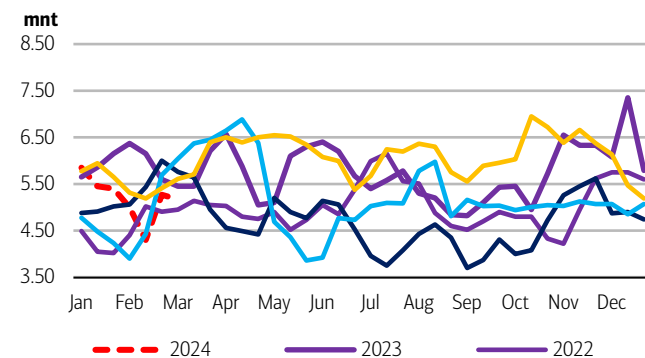


Source: Sxcoal, BofA Global Research

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Exhibit 16: QHD port inventory

QHD port inventory was down 1.9% WoW to 5.17mnt

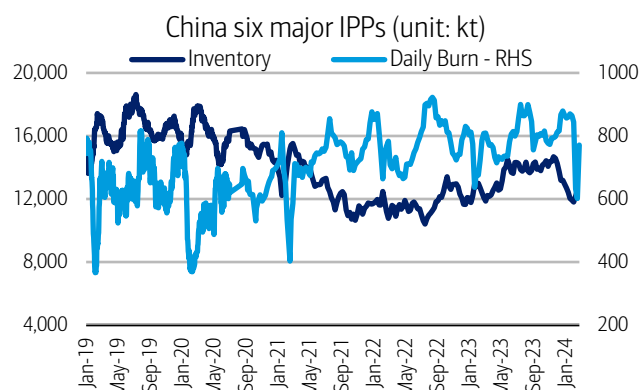


Source: Sxcoal, BofA Global Research

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Exhibit 17: China six major IPPs (unit: kt)

Inventory at the six major IPPs up 0.0% WoW to 12.57mnt as of 25 Feb; daily burn up by 28.2% WoW at 771kt

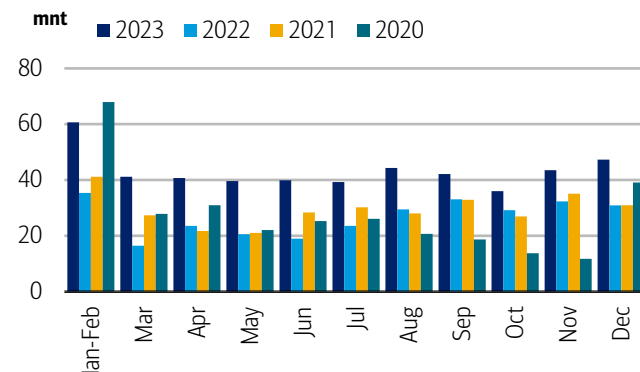


Source: Sxcoal, BofA Global Research

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Exhibit 18: China monthly coal imports

Total coal (incl. lignite) imports +47.2% YoY to 53.2mnt in Dec 2023



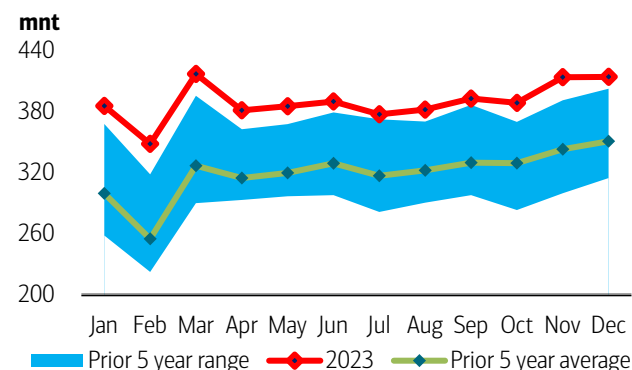
Source: China Customs, Wind, BofA Global Research

Note: Since 2020, no single-month trade data are available for Jan-Feb

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Exhibit 19: YTD China coal production

China coal production in Dec 23 increased 1.9% YoY to 414.3mnt

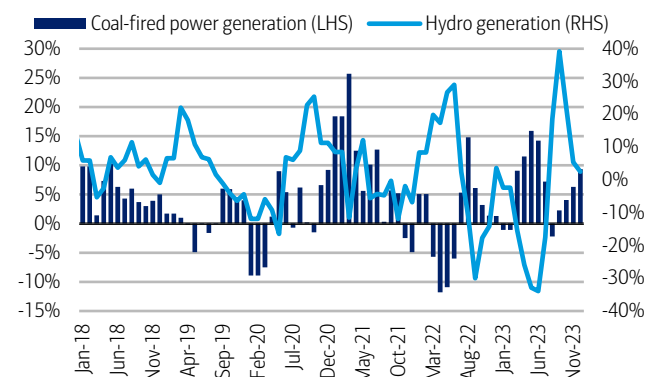


Source: China NBS, Wind, BofA Global Research

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Exhibit 20: Monthly power generation growth

Thermal power generation up 9.3% YoY in Dec'23, total power generation up 2.5% YoY in Dec'23

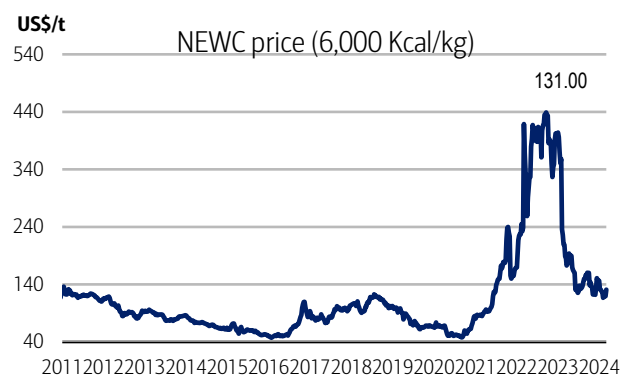


Source: Wind, BofA Global Research

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Exhibit 21: NEWC 6,000K thermal coal

NEWC 6,000K thermal coal was up 9.7% WoW to US\$131.00/t, at 14.1% of premium vs QHD price



Source: Sxcoal, Wind, BofA Global Research

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Exhibit 22: Liulin No. 4 hard coking coal price (incl. VAT)

Liulin No. 4 hard coking coal price was down 4.1% WoW to RMB2,330/t during the week ended 1 Mar

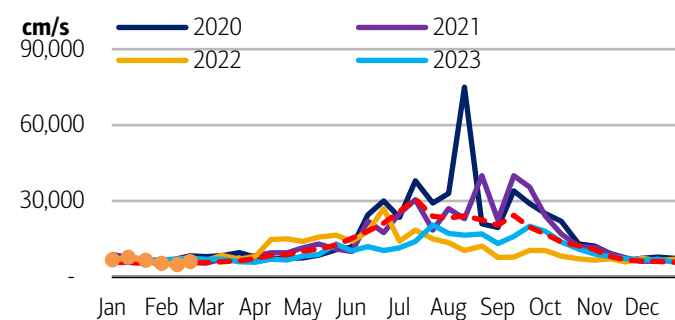


Source: Sxcoal, BofA Global Research

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Exhibit 23: Three Gorges Reservoir water inflow (cm/s)

As of Feb 28, the water inflow of Three Gorges Reservoir was 6,000 cm/s, 8% higher than 2005-23 avg. of 5,579 cm/s

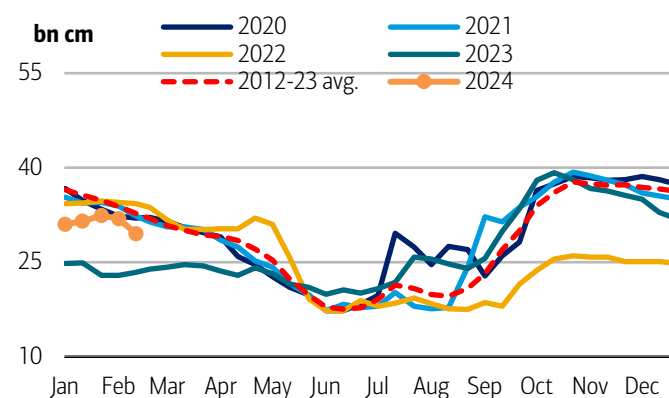


Source: Wind, BofA Global Research

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Exhibit 24: Three Gorges Reservoir water storage (bn cm)

As of Feb 28, the water storage of Three Gorges Reservoir was 29.1 bn cm, 9% lower than 2005-23 avg. of 31.9bn cm



Source: Wind, BofA Global Research

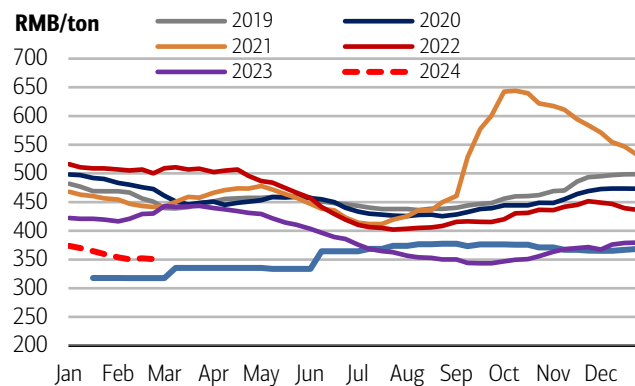
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Cement: Price down amid slow demand recovery

The average national cement price was down by 0.4% to RMB351/t as of 1 Mar. Cement prices in Yangtze River Delta area and Yunnan declined by RMB10-20/t, while prices in Guangxi increased by RMB20-25/t. Producers in Guizhou, Shaanxi and Gansu raised prices by RMB20-50/t. Nationwide shipment ratio came at 12.0%, +5.6% WoW, while nationwide inventory ratio reached 65.4%, -0.4% WoW. Due to shortage of funds and bad weather, cement demand recovery was slower than expected. In order to avoid further loss and boost market confidence, more producers started to raise prices.

Exhibit 25: National average Cement price

Average national cement price down 0.40% to RMB351/t as of 1 Mar

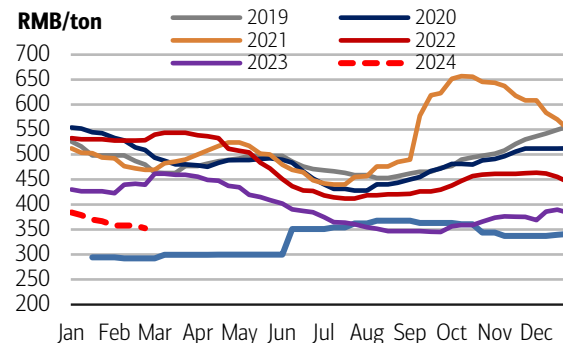


Source: Digital Cement, BofA Global Research

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Exhibit 26: East China average cement price

East China cement prices down 1.5% WoW

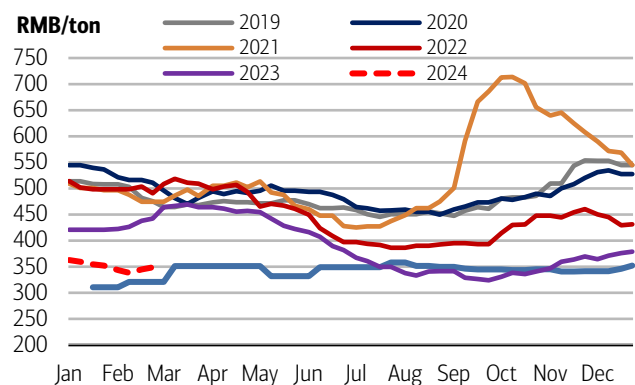


Source: Digital Cement, BofA Global Research

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Exhibit 27: Central South China average cement price

Central South China cement prices up 1.1% WoW

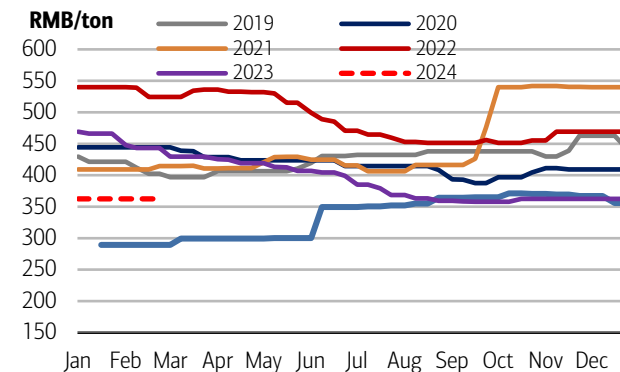


Source: Digital Cement, BofA Global Research

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Exhibit 27: North China average cement price

North China cement prices were flattish WoW

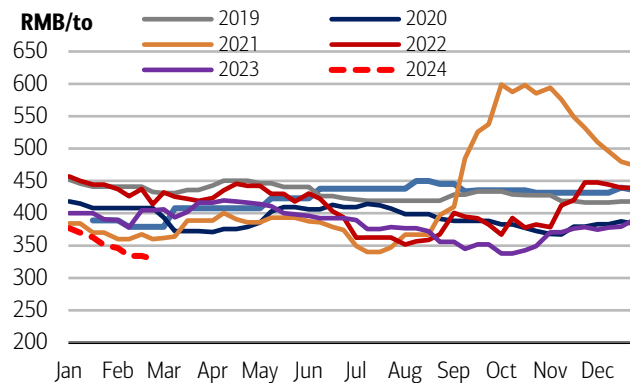


Source: Digital Cement, BofA Global Research

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Exhibit 28: South West China average cement price

SW China cement prices down 1.4% WoW

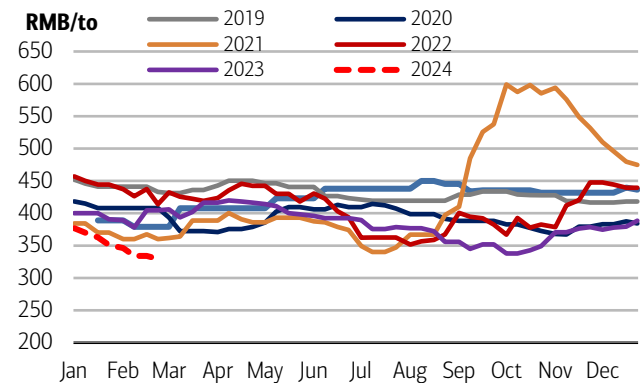


Source: Digital Cement, BofA Global Research

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Exhibit 29: North East China average cement price

NE China cement prices were flattish WoW

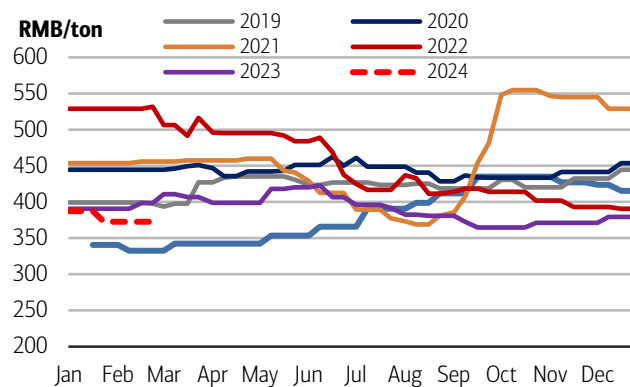


Source: Digital Cement, BofA Global Research

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Exhibit 30: North West China average cement price

NW China cement prices were flattish WoW

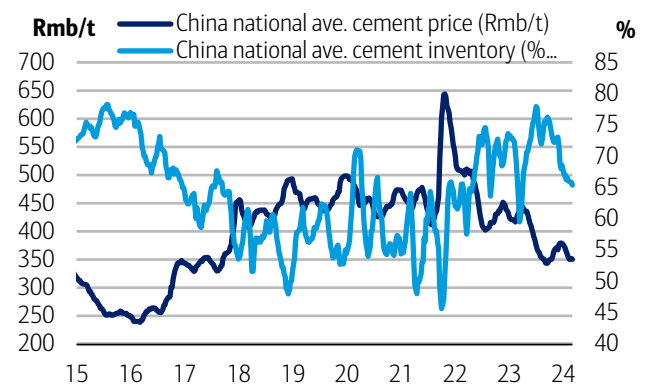


Source: Digital Cement, BofA Global Research

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Exhibit 31: China national average cement prices vs inventory

Both prices and inventory were down WoW



Source: R Digital Cement, BofA Global Research

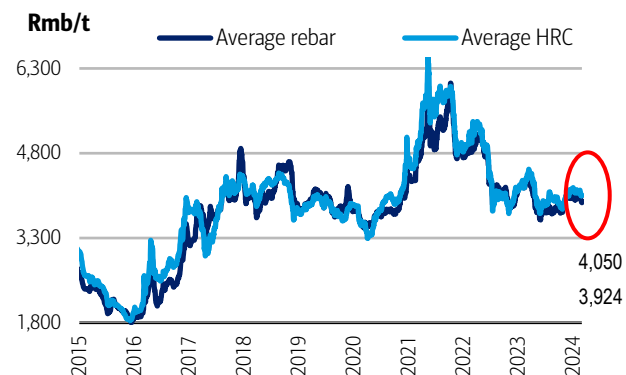
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Steel: Price down amid lower raw material prices

The rebar price was down 1.4% WoW to RMB3,924/t and HRC was down 0.3% WoW to RMB4,050/t. Iron ore prices -2.9% WoW to US\$117.1/t. Spot rebar cash margin +RMB84/t to -RMB135/t, and spot HRC cash margin +RMB98/t to -RMB296/t. Weekly rebar/HRC production was +9.6%/-1.6% and apparent consumption +64.9%/+10.0% WoW. Mill inventory +2.6% WoW, while social inventory +6.4% WoW. Steel apparent consumption improved WoW amid steel mills/construction site resumption. According to Mysteel, steel mills were more willing to produce given lower coke & iron ore prices. However, according to social survey, the overall resumption and utilization of construction site was lower than expected, posing uncertainty to steel demand.

Exhibit 32: China domestic steel prices at key cities

Chinese steel prices at key cities -1.4%/-0.3% WoW for rebar/HRC

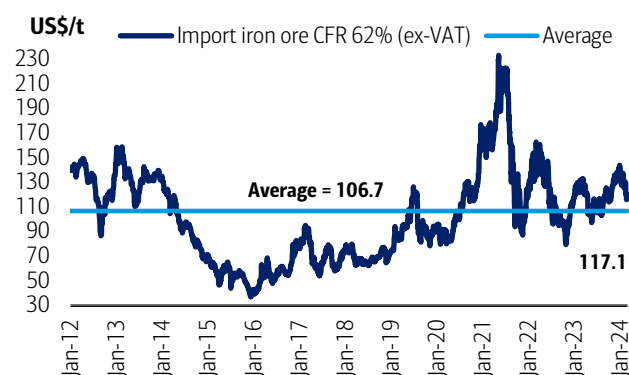


Source: Wind, BofA Global Research

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Exhibit 33: Imported iron ore CFR 62% prices at Tianjin Port

Iron ore price -2.9% WoW to US\$117.1/t as of 29 Feb

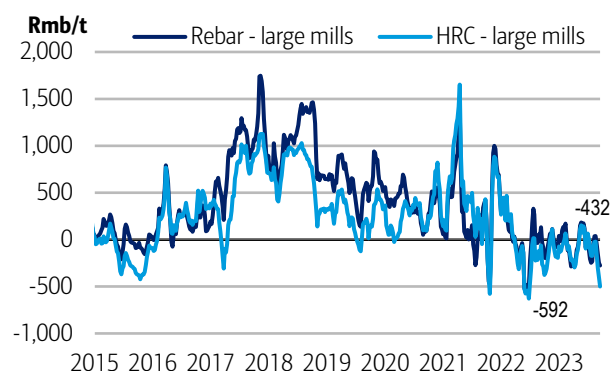


Source: Wind, BofA Global Research

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Exhibit 34: Cash margins at large mills (inventory lag)

Rebar cash margin at large mills -RMB78/t to -RMB432/t, and HRC cash margin at those mills -RMB64/t to -RMB592/t

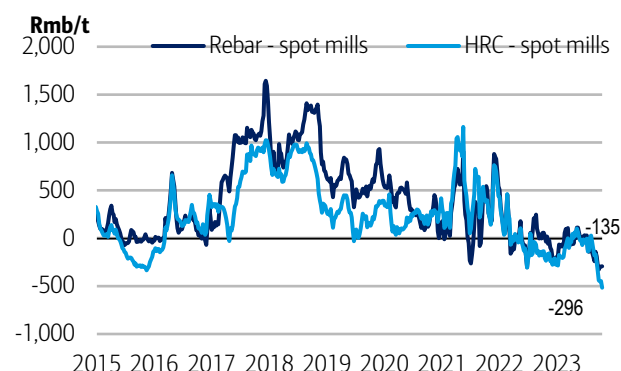


Source: Wind, BofA Global Research

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Exhibit 35: Spot cash margins at steel mills

Spot rebar cash margin +RMB84/t to -RMB135/t, and spot HRC cash margin +RMB98/t to -RMB296/t

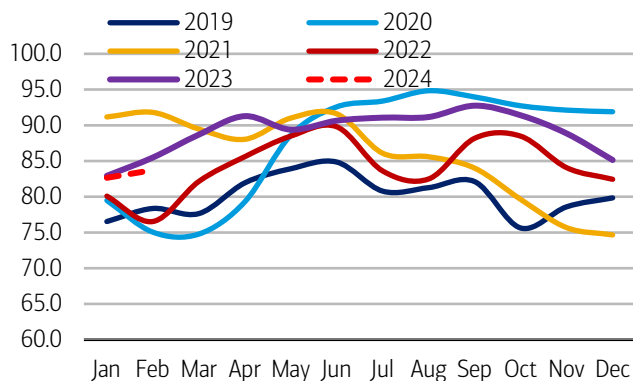


Source: Wind, BofA Global Research

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Exhibit 36: Utilization rates of blast furnaces across the nation

Utilization rates of blast furnaces across the nation -0.25ppt WoW to 83.34% as of 1 Mar

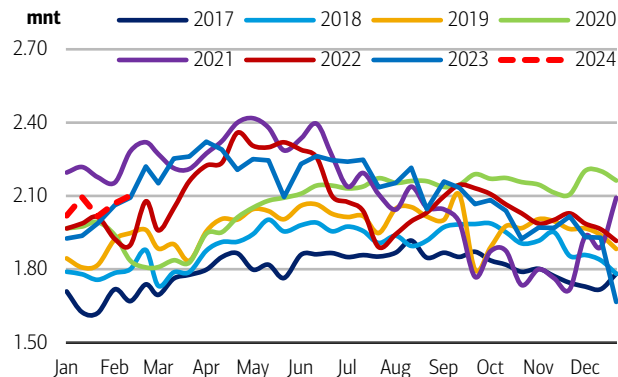


Source: Mysteel, BofA Global Research

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Exhibit 37: CISA crude steel output for large and median mills (10-day)

Daily crude steel production at CISA's sample was reported to be 2.101 mnt/day as of 20 Feb, compared with 2.070 mnt/day in the previous 10 days

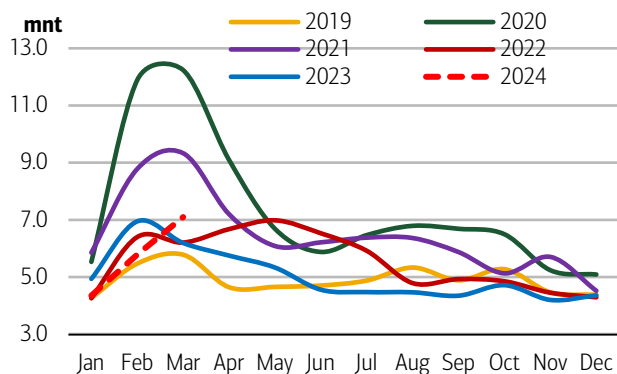


Source: CISA, BofA Global Research

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Exhibit 38: Steel inventory at mills

Steel inventory at mills up by 2.6% WoW to 7.10mnt

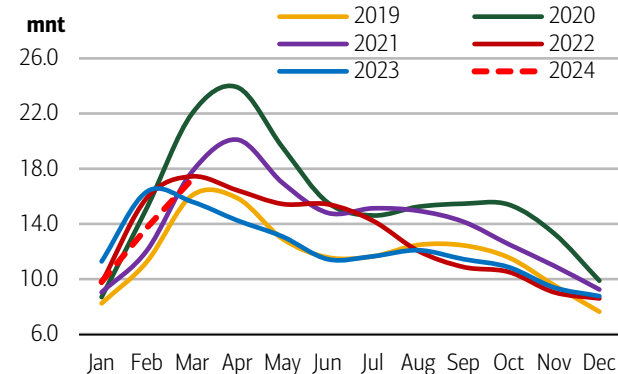


Source: Mysteel, BofA Global Research

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Exhibit 39: Steel inventory at key cities (traders)

Steel inventory at key cities (traders) up by 6.4% WoW to 17.24mnt

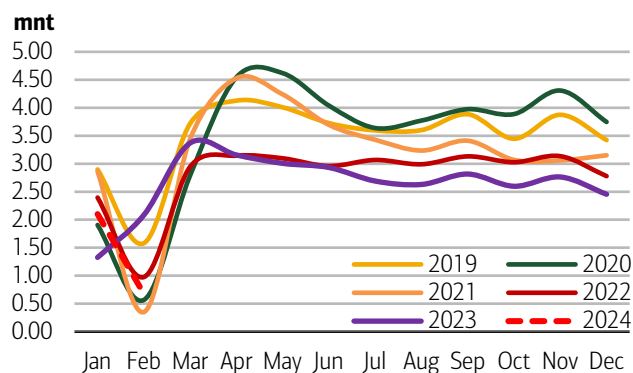


Source: Mysteel, BofA Global Research

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Exhibit 40: Weekly rebar apparent consumption

Weekly rebar apparent consumption was +64.9% WoW to 1.13mnt

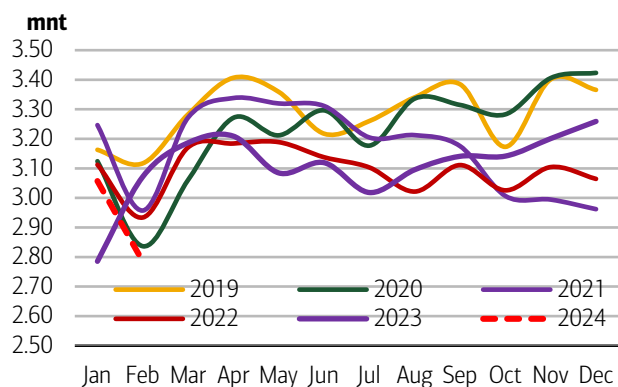


Source: Mysteel, BofA Global Research

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Exhibit 41: Weekly HRC apparent consumption

Weekly HRC apparent consumption was +10.0% WoW to 2.93mnt

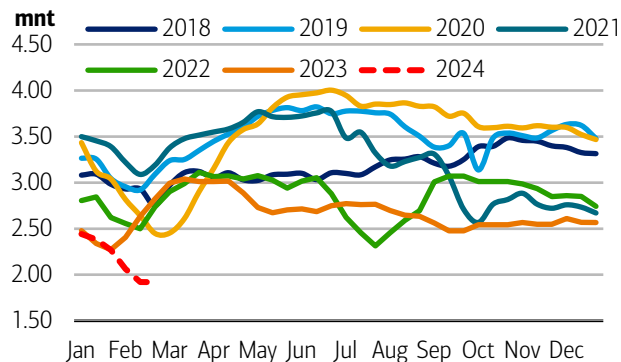


Source: Mysteel, BofA Global Research

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Exhibit 42: Weekly rebar output

Rebar output for the week ended 1 Mar increased 9.6% WoW to 2.10mnt

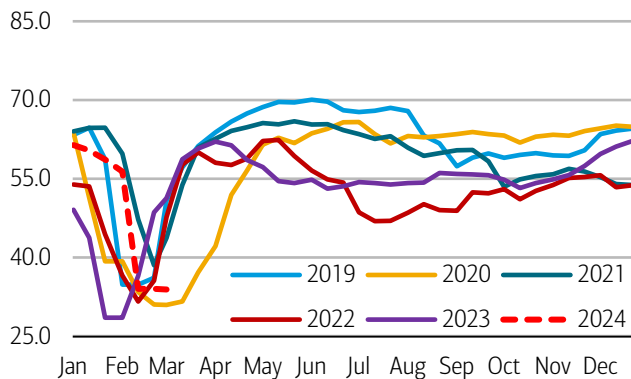


Source: Mysteel, BofA Global Research

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Exhibit 44: Operating rate of Electric-arc-furnace (EAF) mills

The operating rate of EAF mills +4.58ppt WoW to 38.49% in the week ended 1 Mar

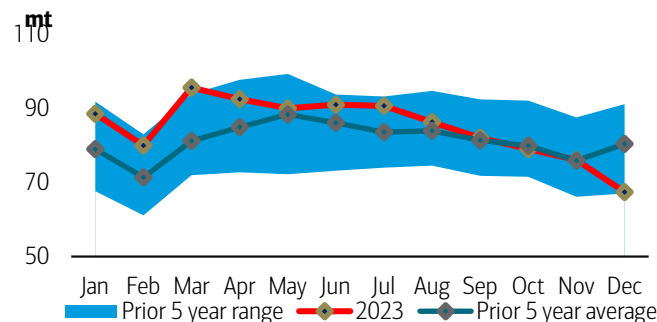


Source: Custeel, BofA Global Research

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Exhibit 46: YTD China crude steel production

China produced 67.4mnt of crude steel in Nov 2023, -14.9% YoY

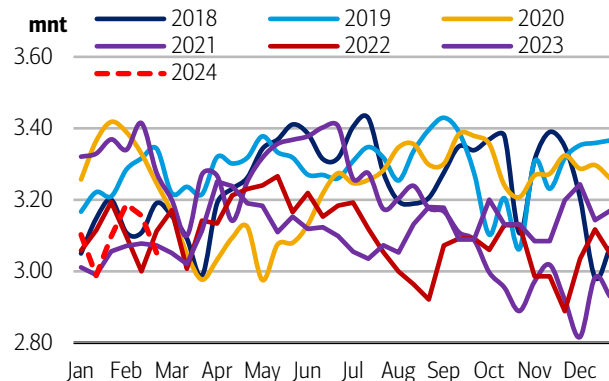


Source: NBS, CEIC, BofA Global Research

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Exhibit 43: Weekly HRC output

HRC output for the week ended 1 Mar down by 1.6% WoW to 3.00mnt

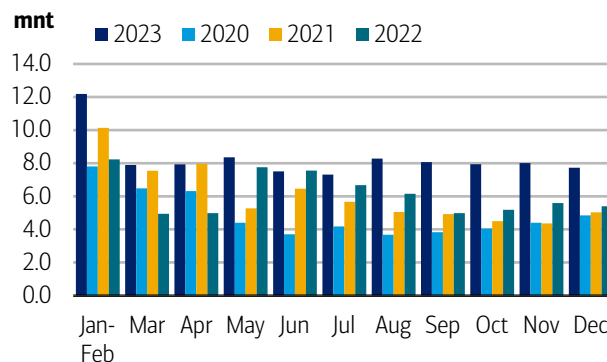


Source: Mysteel, BofA Global Research

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Exhibit 45: China monthly steel product exports

In Dec 23, Chinese exports of steel were 7.73mnt, +43.1% YoY. YTD net exports reached 83.6mnt, +47% YoY

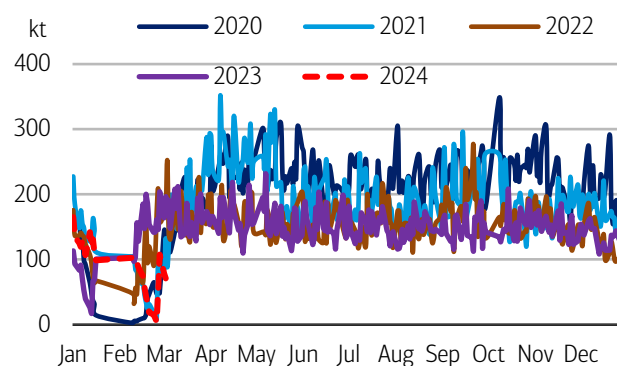


Source: China Customs, CEIC, BofA Global Research

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Exhibit 47: Construction steel trading volume

Construction steel trading volume +609.5% WoW to 70.9kt/d as of 29 Feb

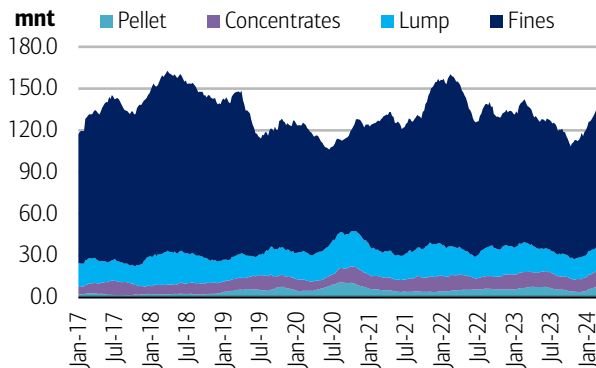


Source: Wind, BofA Global Research

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Exhibit 48: Iron ore port inventory by product type

Iron ore fine currently accounts for 73.6% of port inventory

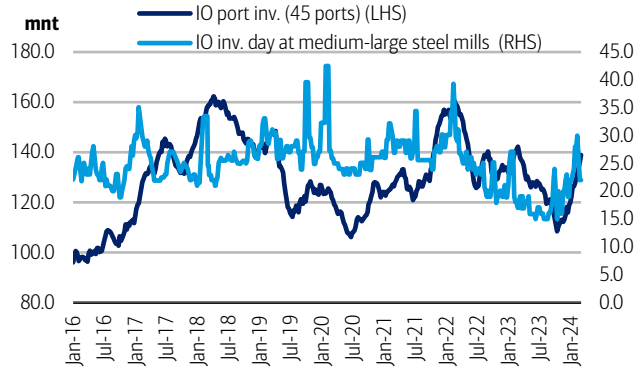


Source: Mysteel, BofA Global Research

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Exhibit 49: Iron ore inventory at large-medium steel mills and at ports

Iron ore port inventory ended at 138.89mnt, +2.1% WoW as of 1 Mar

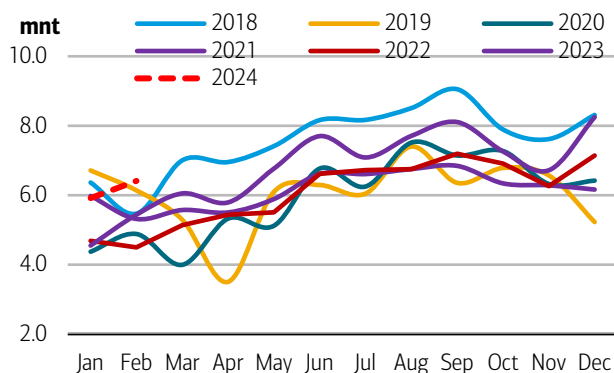


Source: Wind, BofA Global Research

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Exhibit 50: Weekly iron ore exports from major Brazilian ports

Weekly iron ore exports from major Brazilian ports – Feb 24 up 17.9% yoy as of 23 Feb

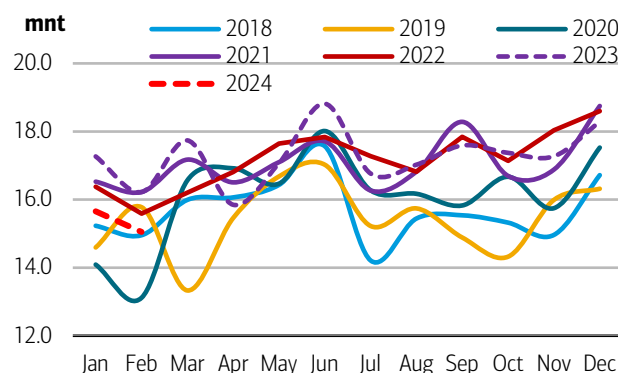


Source: Mysteel, BofA Global Research

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Exhibit 51: Weekly iron ore exports from major Australian ports

Weekly iron ore exports from major Australian ports – Feb 24 down 7.2% yoy as of 23 Feb

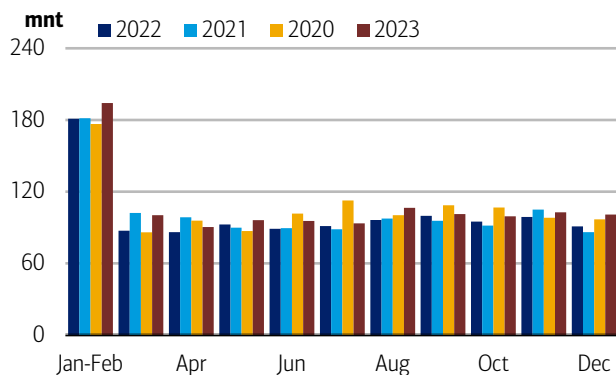


Source: Mysteel, BofA Global Research

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Exhibit 52: China monthly iron ore imports

Chinese imports of iron ore in Dec 2023 were 100.9mnt, +11.0% YoY

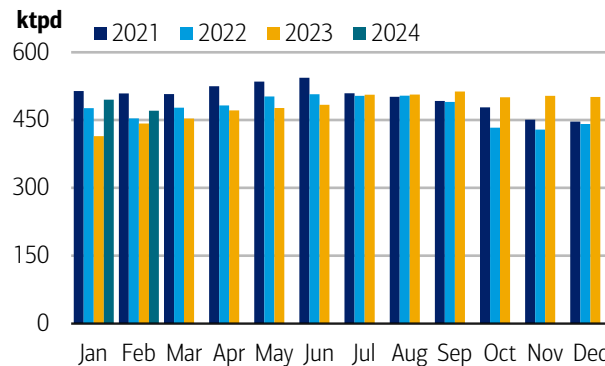


Source: China Customs, Wind, BofA Global Research

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Exhibit 53: Daily domestic iron ore concentrate production

Daily domestic iron ore concentrate production at 186 iron ore miners / 363 mines Feb 24 up 6.4% YoY, as of 23 Jan



Source: Mysteel, BofA Global Research

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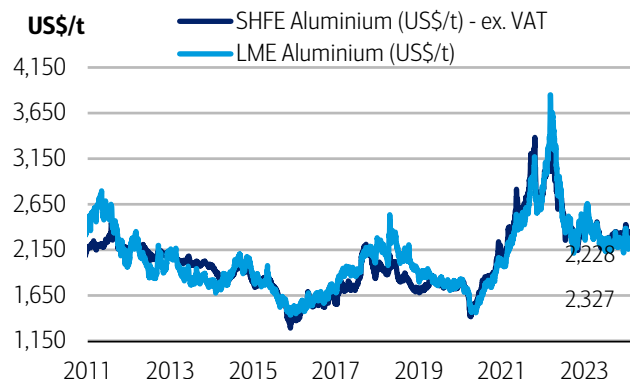
Metals: Major metals price mixed; slower restocking

LME aluminum price was +2.2% WoW to US\$2,228/t, while SHFE +0.8% WoW to RMB18,930/t. Domestic Al ingot inventory was up 11.7% WoW to 791kt. LME copper price -0.9% WoW at US\$8,494/t, SHFE was -0.59% WoW to RMB68,950/t. According to Baiinfo, 1.5mt of capacity was expected to resume and 1.25mt of new capacity was expected to launch in 2024. The Comex gold price up 0.94% WoW at US\$2,055/oz. Battery grade lithium carbonate price was up 6.4% WoW to RMB102.5k/t and battery grade lithium hydroxide price was up 4.3% WoW to RMB88.8k/t.

Aluminum

Exhibit 54: Price comparison in LME & SHFE Aluminum

LME aluminum price +2.2% WoW to US\$2,228/t during the week ended 1 Mar, while SHFE up 0.8% WoW to RMB18,930/t

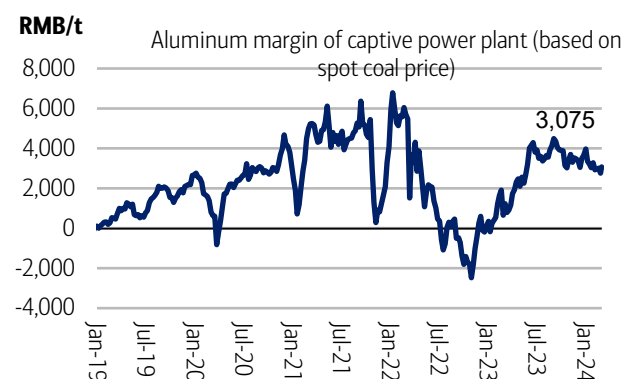


Source: Bloomberg, BofA Global Research

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Exhibit 55: Aluminum margin of captive power plant

Aluminum margin of captive power plant +RMB153/t WoW to RMB3,075/t as of 1 Mar



Source: Bloomberg, SMM, Wind, BofA Global Research

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Exhibit 56: Avg. national aluminum margin (60% captive plant)

Avg. national aluminum margin +RMB98/t WoW to RMB2,289/t as of 1 Mar

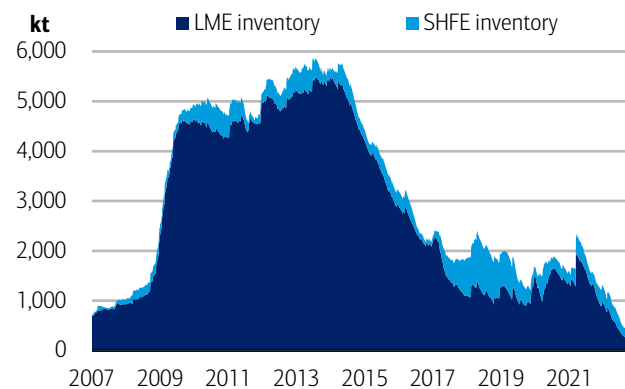


Source: Bloomberg, SMM, Wind, BofA Global Research

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Exhibit 57: Inventory comparison in LME & SHFE Aluminum

LME aluminum inventory increased by 1.6% WoW to 590kt, and SHFE inventory was up 10.1% WoW to 191kt

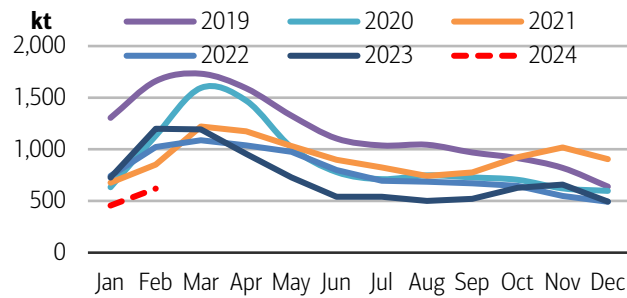


Source: Bloomberg, BofA Global Research

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Exhibit 58: Aluminum ingot inventory

Domestic aluminum ingot inventory up 11.7% WoW to 791kt as of 29 Feb

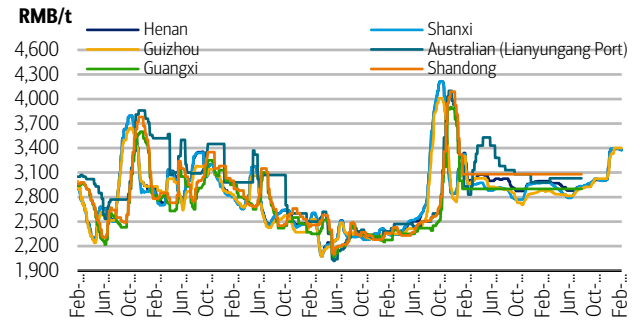


Source: SMM, BofA Global Research

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Exhibit 59: Domestic alumina prices

Domestic alumina prices down 0.15% to RMB3,383t as of 1 Mar



Source: Wind, BofA Global Research

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Exhibit 60: Aluminum capacity change in 2024

1.5mt of capacity was expected to resume and 1.25mt of new capacity was expected to launch in 2024

	Suspension	Resumption	Expected resumption in remaining-24	Total expected resumption in FY24	New start	Expected new start in remaining-24	Total expected new start in FY24
Yunnan	-	-	-	1,235	-	530	530
Inner Mongolia	-	-	-	-	-	420	420
Shanxi	-	-	-	45	-	-	-
Guangxi	-	-	-	20	-	-	-
Xinjiang	-	-	-	-	-	200	200
Henan	-	-	-	-	-	-	-
Guizhou	-	-	-	135	-	100	100
Liaoning	-	-	-	-	-	-	-
Chongqing	-	-	-	-	-	-	-
Qinghai	-	-	-	-	-	-	-
Gansu	-	-	-	-	-	-	-
Sichuan	-	-	-	110	-	-	-
Shandong	-	-	-	-	-	-	-
Total	-	-	-	1,545	-	1,250	1,250

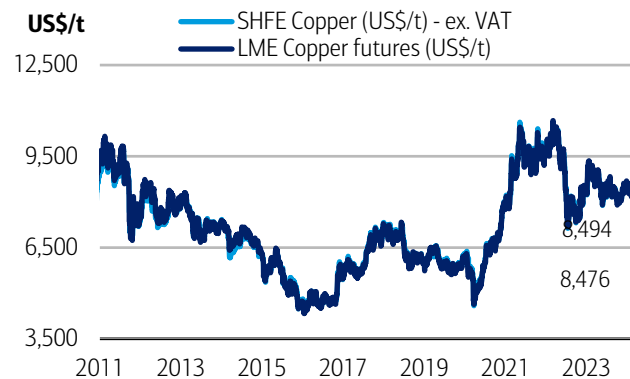
Source: Baiinfo, BofA Global Research

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Copper & Gold

Exhibit 61: Price comparison in LME & SHFE copper

LME copper price down by 0.9% WoW to US\$8,494/t during the week ended 1 Mar, while SHFE -0.59% WoW to RMB68,950/t. SHFE is at a discount of 0.2% to LME price



Source: Bloomberg, BofA Global Research

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Exhibit 62: Gold spot price

The Comex gold (spot) price up 0.94% WoW to US\$2,055/oz

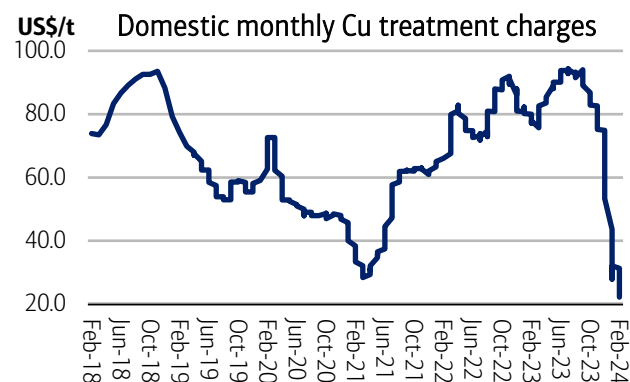


Source: Bloomberg, BofA Global Research

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Exhibit 63: Domestic monthly treatment charges on Cu concentrate

Domestic monthly treatment charges on copper concentrate: US\$22.2/t as of 23 Feb



Source: Wind, BofA Global Research

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Exhibit 64: Domestic monthly refining charges on blister copper

Domestic monthly refining charges on blister copper: Mar-avg.: RMB850/t

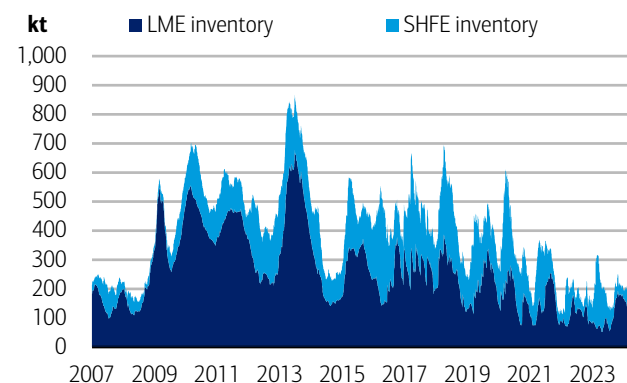


Source: Mymetal, BofA Global Research

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Exhibit 65: Inventory comparison in LME & SHFE copper

LME copper inventory -0.2% WoW to 123kt, and SHFE inventory +18.3% WoW to 214kt



Source: Bloomberg, BofA Global Research

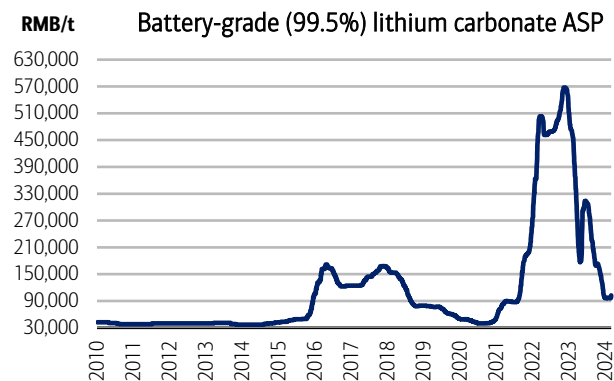
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Lithium

Exhibit 66: Domestic battery-grade lithium carbonate ASP

Average price of domestic battery-grade lithium carbonate (99.5%) was up 6.4% WoW to RMB102.5k/t

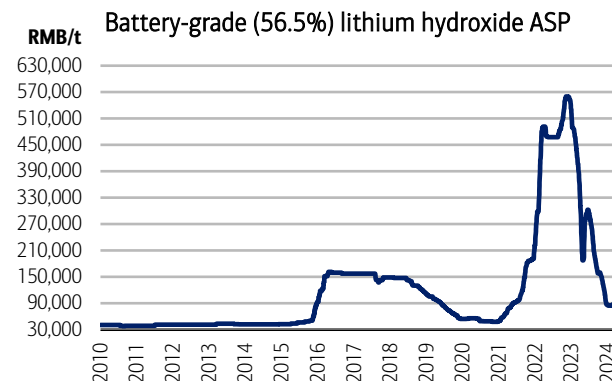


Source: SMM, BofA Global Research

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Exhibit 67: Domestic battery-grade lithium hydroxide ASP

Average price of domestic battery-grade lithium hydroxide up by 4.3% WoW to RMB88.8k/t

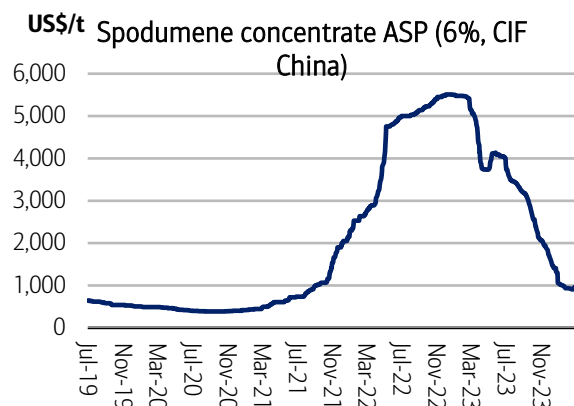


Source: SMM, BofA Global Research

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Exhibit 68: Spodumene concentrate ASP (6%, CIF China)

Average price of spodumene concentrate ASP (6%, CIF China) up 5.93% WoW to USD964/t

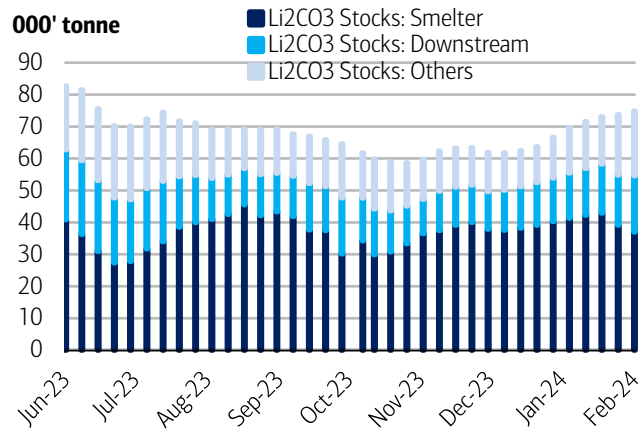


Source: SMM, BofA Global Research

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Exhibit 69: Domestic lithium carbonate inventory

Lithium carbonate inventory ramped up entering new year



Source: SMM, BofA Global Research

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Paper: Price inched higher; weak demand

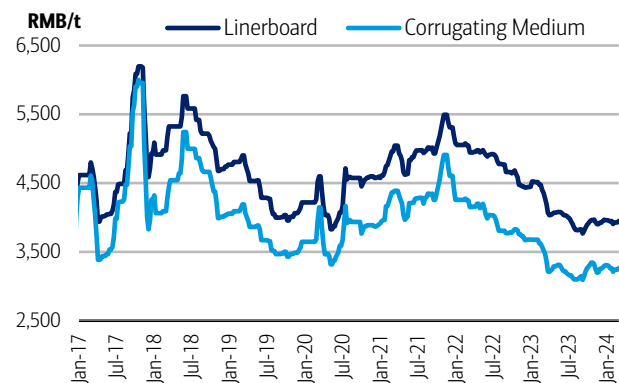
Raw paper: Paper price was up by 0.36% WoW to RMB3,851/t as of 28 Feb. Some paper mills revised price upward by RMB30/t early this week, while several paper mills have cancelled raising prices. Compared to lower shipment in most regions, shipment in Guangdong remained stable. Given supply recovery after Spring Festival, high inventory and upcoming off-season, downstream processors were less willing to restock.

Waste paper: In the domestic market, the China OCC average was up by 0.4% WoW to RMB1,553/t.

Spread: The Nine Dragons margin tracker is now indicating NP/t of RMB91/t for this week.

Exhibit 70: China linerboard and corrugating medium price

Paper was up 0.36% WoW to RMB3,851/t as of 28 Feb.



Source: UMPaper, RISI

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Exhibit 71: Nine Dragons Margin tracker

The Nine Dragons margin tracker is now indicating NP/t of RMB91/t for this week, up 6.8% WoW.



Source: UMPaper, RISI, BofA Global Research

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Glass: Price settled higher; slow downstream resumption

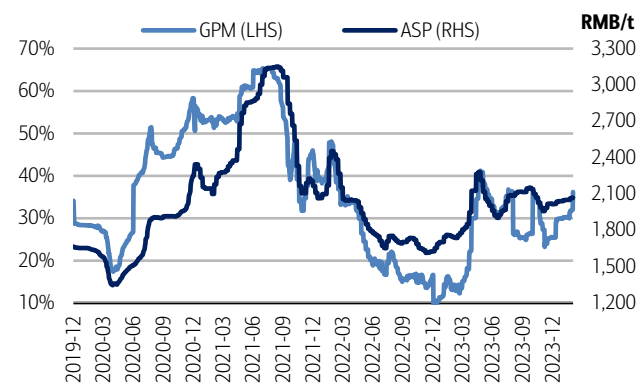
National float glass price inched higher WoW after Lantern Festival. According to SCI99, downstream resumption was slower than expected, while active producers preferred inventory digestion over market procurement due to high inventory.

Market price and raw materials prices: As of 29 Feb, the national average float glass price (incl. VAT) was up by 0.2% WoW at RMB2,070/t. The soda ash price was down 18% WoW to RMB2,014/t as of 1 Mar. National direct supplied pipeline natural gas remains RMB2.30/cbm. Our analysis shows Xinyi float glass GPM was up by 4.4% to 36.2%.

Inventory and capacity: As of 29 Feb, national inventory was 50.93mn weight case, representing 24.26 inventory days. Nationally effective capacity of all float glass lines was 176,565t/d.

Exhibit 72: National Float Glass Price and Xinyi float glass GPM

As of 29 Feb, the national average float glass price was up 0.2% WoW to RMB2,070/t. Our analysis shows Xinyi float glass GPM was up 4.4% WoW to 36.2%.

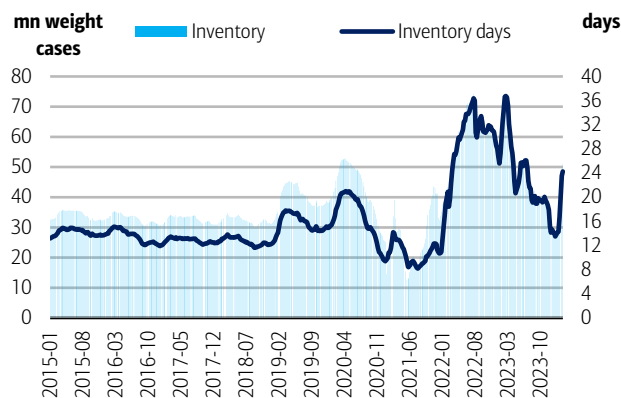


Source: BofA Global Research, Wind, SCI99

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Exhibit 73: Inventory & Inventory day

As of 29 Feb, national inventory was 50.93mn weight case, representing 24.26 inventory days.

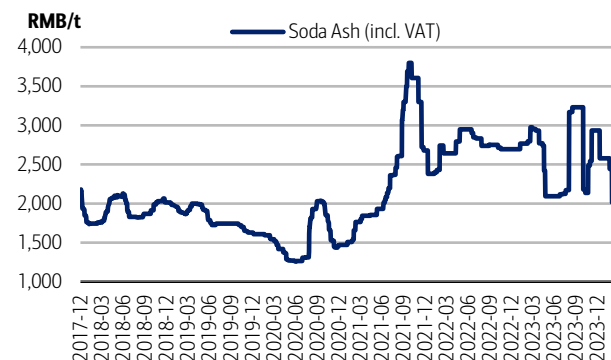


Source: BofA Global Research, Wind, SCI99

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Exhibit 74: China Soda Ash Price (incl. VAT)

The soda ash price down 17.6% WoW to RMB2,014/t as of 1 Mar

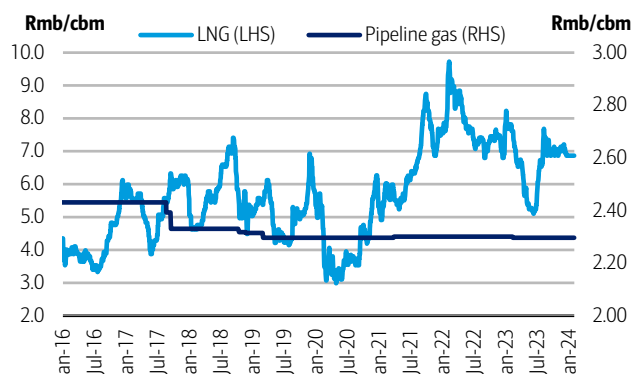


Source: BofA Global Research, Wind, SCI99

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Exhibit 75: China Natural Gas Price

National direct supplied pipeline natural gas stayed at RMB2.30/cbm

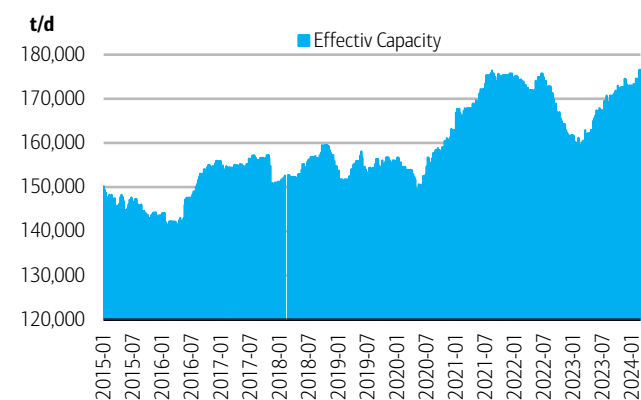


Source: BofA Global Research, Wind, SCI99

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Exhibit 76: Effective capacity % of total capacity

Nationally effective capacity of all float glass lines was 176,565t/d.



Source: BofA Global Research, Wind, SC199

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Appendix

Exhibit 77: Glossary

Summary of terminologies/abbreviation mentioned in the report

Abbreviation	Elaboration
WoW	Week-on-Week
ASP	Average Selling Price
HRC	Hot Rolled Coil
LME	London Metal Exchange
SHFE	Shanghai Futures Exchange
OCC	Old Corrugated Containers
ND	Nine Dragon Paper (02689 HK)
GPM	Gross Profit Margin
NP	Net Profit
QHD 5,500kcal	Qinghuangdao port 5,500kcal thermal coal
NEWC 6,000K	Newcastle 6000kcal thermal coal
Liulin No.4 HCC	Liulin No.4 hard coking coal

Source: BofA Global Research

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Investment rating	Total return expectation (within 12-month period of date of initial rating)	Ratings dispersion guidelines for coverage cluster ^{R1}
Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Underperform	N/A	≥ 20%

^{R1} Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

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