

# FERROALLOYNET DAILY

Zircon | Wednesday | 17 August, 2022

## ZIRCON PRICES

International medium grade zircon sand market price by origin on 17 August, 2022

Product	Origin	Spec.	Price	Change	Unit	Basis
Zircon Sand	Africa	ZrO <sub>2</sub> ≈40-50%	19-23	--	USD/MTU	CIF China (Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou)
Zircon Sand	Australia	ZrO <sub>2</sub> ≥30%	27-30	--	USD/MTU	CIF China (Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou)
Zircon Sand	Mozambique	ZrO <sub>2</sub> ≈30%	27-29	--	USD/MTU	CIF China (Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou)
Zircon Sand	Madagascar	ZrO <sub>2</sub> ≥50%	23-24	--	USD/MTU	CIF China (Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou)
Zircon Sand	South Africa	ZrO <sub>2</sub> ≈45-50%	22-22.2	--	USD/MTU	CIF China (Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou)

International premium zircon sand market price by origin on 17 August, 2022

Product	Origin	Spec.	Price	Change	Unit	Basis
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Zircon Sand	Iluka in Australia	(Zr.Hf)O <sub>2</sub> ≥66%,TiO <sub>2</sub> ≤0.1%,Fe <sub>2</sub> O <sub>3</sub> ≤0.1%	2255-2285	--	USD/Ton	CIF China (Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou)
Zircon Sand	Tronox in Australia (Tiwest)	(Zr.Hf)O <sub>2</sub> ≥66%,TiO <sub>2</sub> ≤0.15%,Fe <sub>2</sub> O <sub>3</sub> ≤0.07%	2315-2325	--	USD/Ton	CIF China (Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou)
Zircon Sand	Indonesia	(Zr.Hf)O <sub>2</sub> ≥66%,TiO <sub>2</sub> ≤0.1%,Fe <sub>2</sub> O <sub>3</sub> ≤0.1%	2300-2400	--	USD/Ton	CIF China (Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou)
Zircon Sand	Tronox in South Africa(Namakwa)	(Zr.Hf)O <sub>2</sub> ≥66%,TiO <sub>2</sub> <0.12%,Fe <sub>2</sub> O <sub>3</sub> <0.06%	2275-2295	--	USD/Ton	CIF China (Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou)
Zircon Sand	RBM in South Africa	(Zr.Hf)O <sub>2</sub> ≥66%,TiO <sub>2</sub> <0.15%,Fe <sub>2</sub> O <sub>3</sub> <0.1%	2180-2200	--	USD/Ton	CIF China (Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou)
Zircon Sand	RBM in South Africa	(Zr.Hf)O <sub>2</sub> ≥65%,TiO <sub>2</sub> <0.30%,Fe <sub>2</sub> O <sub>3</sub> <0.25%	2130-2150	--	USD/Ton	CIF China (Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou)
Zircon Sand	Vietnam	(Zr.Hf)O <sub>2</sub> ≥65%,TiO <sub>2</sub> ≤0.15%,Fe <sub>2</sub> O <sub>3</sub> ≤0.1%	1955-2400	--	USD/Ton	CIF China (Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou)

China imported premium zircon sand spot price on 17 August, 2022

Product	Origin	Spec.	Price	Change	Unit	Basis
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Zircon Sand	Australia	(Zr.Hf)O <sub>2</sub> ≥66%,TiO <sub>2</sub> ≤0.1%,Fe <sub>2</sub> O <sub>3</sub> ≤0.1%	17800-18500	↓150	CNY/Ton	Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou, with tax
Zircon Sand	Indonesia	(Zr.Hf)O <sub>2</sub> ≥66%,TiO <sub>2</sub> ≤0.1%,Fe <sub>2</sub> O <sub>3</sub> ≤0.1%	17800-18200	↓200	CNY/Ton	Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou, with tax
Zircon Sand	South Africa	(Zr.Hf)O <sub>2</sub> ≥66%,TiO <sub>2</sub> <0.12%,Fe <sub>2</sub> O <sub>3</sub> <0.06%	17800-18200	↓200	CNY/Ton	Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou, with tax
Zircon Sand	Vietnam	(Zr.Hf)O <sub>2</sub> ≥65%,TiO <sub>2</sub> ≤0.15%,Fe <sub>2</sub> O <sub>3</sub> ≤0.1%	15000-15500	↓225	CNY/Ton	Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou, without tax
Zircon Sand	Mozambique	(Zr.Hf)O <sub>2</sub> ≥65%,TiO <sub>2</sub> ≤0.15%,Fe <sub>2</sub> O <sub>3</sub> ≤0.1%	17000-17500	↓250	CNY/Ton	Xiamen, Tianjin, Shanghai, Zhanjiang, Guangzhou, with tax

China zircon sand market price on 17 August, 2022

Product	Region	Spec.	Price with tax	Price without tax	Change	Unit	Basis
Zircon Sand	Hainan	(Zr.Hf)O <sub>2</sub> ≥65%TiO <sub>2</sub> ≤0.15%,Fe <sub>2</sub> O <sub>3</sub> ≤0.1%	17000-17500	15000-15500	↓225	CNY/Ton	Ex-works
Zircon Sand	Hainan	(Zr.Hf)O <sub>2</sub> ≤65%TiO <sub>2</sub> ≥0.15%,Fe <sub>2</sub> O <sub>3</sub> ≥0.1%	16500-16800	14600-14800	↓100	CNY/Ton	Ex-works
Zircon Sand	Guangdong	(Zr.Hf)O <sub>2</sub> ≥65%TiO <sub>2</sub> ≤0.15%,Fe <sub>2</sub> O <sub>3</sub> ≤0.1%	17000-17500	15000-15500	↓225	CNY/Ton	Ex-works

Zircon Sand	Guangxi	(Zr,Hf)O <sub>2</sub> ≥65%TiO <sub>2</sub> ≤0.15%,Fe <sub>2</sub> O <sub>3</sub> ≤0.1%	17000-17500	15000-15500	↓225	CNY/Ton	Ex-works
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**China zirconium silicate market price on 17 August, 2022**

Product	Region	Spec.	Price	Change	Unit	Basis
Zirconium Silicate	Shandong	(Zr,Hf)O <sub>2</sub> ≥65%,D50=1.0μm	20700-21000	--	CNY/Ton	Ex-works with tax
Zirconium Silicate	Shandong	(Zr,Hf)O <sub>2</sub> ≥64.5%,D50=1.0μm	20000-20500	--	CNY/Ton	Ex-works with tax
Zirconium Silicate	Guangdong	(Zr,Hf)O <sub>2</sub> ≥64.5%,D50=1.2μm	20000-20500	--	CNY/Ton	Ex-works with tax
Zirconium Silicate	Guangdong	(Zr,Hf)O <sub>2</sub> ≥63.0%,D50=1.2μm	18200-18700	--	CNY/Ton	Ex-works with tax
Zirconium Silicate	Fujian	(Zr,Hf)O <sub>2</sub> ≥64.5%,D50=1.1μm	20000-20500	--	CNY/Ton	Ex-works with tax
Zirconium Silicate	Fujian	(Zr,Hf)O <sub>2</sub> ≥63.0%,D50=1.2μm	18000-18500	--	CNY/Ton	Ex-works with tax

**China zirconium oxychloride market price on 17 August, 2022**

Product	Region	Spec.	Price	Change	Unit	Basis
Zirconium Oxychloride	Shandong	(Zr,Hf)O <sub>2</sub> ≥36%	20000-21000	--	CNY/Ton	Ex-works with tax

Zirconium Oxychloride	Jiangsu	(Zr,Hf)O <sub>2</sub> ≥36%	20000-20500	↓500	CNY/Ton	Ex-works with tax
Zirconium Oxychloride	Zhejiang	(Zr,Hf)O <sub>2</sub> ≥36%	20300-20800	↓200	CNY/Ton	Ex-works with tax

**China fused zirconia market price on 17 August, 2022**

Product	Region	Spec.	Price	Change	Unit	Basis
Fused Zirconia	Henan	(Zr+Hf)O <sub>2</sub> =98.5%D97=6-10μm	40500-41500	--	CNY/Ton	Ex-works with tax
Fused Zirconia	Anhui	(Zr+Hf)O <sub>2</sub> =98.5%D97=6-10μm	40500-41500	--	CNY/Ton	Ex-works with tax
Fused Zirconia	Fujian	(Zr+Hf)O <sub>2</sub> =98.5%D97=6-10μm	40500-41500	--	CNY/Ton	Ex-works with tax
Fused Zirconia	Shandong	(Zr+Hf)O <sub>2</sub> =98.5%D97=6-10μm	40500-41500	--	CNY/Ton	Ex-works with tax

**China monazite spot price on 17 August, 2022**

Product	Origin	Spec.	Price	Change	Unit	Basis
Monazite	Indonesia, South Africa, Mozambique, etc.	TREO≈60%	68000-71000	↓500	CNY/Ton	Ex-works with tax

**ZIRCON Market Analysis**

## Top 10 countries for export of zirconium oxychloride in the first half of 2022

[www.ferroalloy.net](http://www.ferroalloy.net): According to the China Customs Data, in the first half of 2022, zirconium oxychloride was exported to a total of 23 countries, of which the top ten countries in terms of export volume were:

Ranking	Country	QTY(KG)
1	Japan	15424545
2	The United States	12171425
3	United Kingdom	1180000
4	Australia	720000
5	The Russian Federation	467200
6	India	465000
7	Germany	440000
8	Canada	400000
9	Netherlands	240000
10	Korea	200700

## Zirconium oxychloride market continues to run weakly

[www.ferroalloy.net](http://www.ferroalloy.net): Recently, the domestic market demand for zirconium oxychloride has not shown signs of improvement. Both domestic and foreign trade has been weak. It is difficult for manufacturers to sell goods. Coupled with the hot weather, they have entered a state of maintenance and mainly digested inventory.

At present, the mainstream quotation in the domestic zirconium oxychloride market is maintained at about 20500 yuan/ton. The actual transaction price is a little chaotic, and the overall price is still down, mostly around 20000 yuan/ton, and there are many transaction records below 20000 yuan/ton in the market.

The domestic economic environment is sluggish, the terminal market continues to be weak, and the market demand for zirconium oxychloride is difficult to improve in the short term. In addition, the price of raw material zircon sand is also on a downward trend, it is expected that the domestic zirconium oxychloride market may continue to operate weakly in a short period of time.

## ZIRCON NEWS

### Chemours Begins Commissioning at Its Newest Sand Mine in Clay County, Florida

The Chemours Company (“Chemours”) (NYSE: CC), a global chemistry company with leading market positions in [Titanium Technologies](#), Thermal & Specialized Solutions, and Advanced Performance Materials, today announced it has begun commissioning its newest mineral sand mine, Trail Ridge South. The new mining operation represents a \$93 million investment that will create approximately 50 new jobs in the three-county area.

Commissioning work to test operational aspects of the new mine has begun, with startup anticipated later this year. Expansion of its mining operations will allow Chemours—the only domestic producer of titanium and [zirconium](#) minerals and one of only two domestic producers of rare earth minerals—to have additional access to these high-quality concentrated deposits used to produce Chemours’ Ti-Pure<sup>®</sup> brand of titanium dioxide (TiO<sub>2</sub>).

“The commissioning of our new Trail Ridge South mine is much more than an operational milestone—it represents a huge win for our customers, community, and our country,” said Jody Sciance, co-director of Minerals Operations for Chemours. “This secure, domestic mineral supply means more tons of TiO<sub>2</sub> for our pigment customers, more jobs for Clay County residents, and access to critical materials identified by the U.S. Department of the Interior as vital to our nation’s security and economic prosperity—all with minimal impact on our local environment. We are extremely proud to expand our footprint in Florida and look forward to partnering with this community for years to come.”

“Clay Economic Development Council is very proud to support quality employers like Chemours, who provide high quality and high-wage jobs for our community, while performing this essential work. We are proud to have Chemours as a partner in our community,” said Crawford Powell, Clay County Economic Development Corporation President. Clay County and the surrounding region is a key domestic source of critical minerals that are used for aerospace and defense applications because of their light weight and high strength. They are also used in high-tech magnets and electronic components that enable clean energy and evolving digital economy, and for coatings, plastics, and laminates critical to infrastructure, automotive and energy applications.

The facility will be incorporating Mobile Mining Units (MMUs) that address environmental concerns with traditional dredge mining. The MMUs allow the site to have much lower emissions, reduced dust levels, and improved safety by removing conventional hauling trucks. In addition, the Trail Ridge South facility will recycle 98% of its water used in the manufacturing process—providing sustainable solutions while still meeting the company’s commitment to process minerals. Trail Ridge South process water and water treatment ponds are all constructed above ground, with

approximately 39 million gallons of storage capacity.

Hiring has begun for the new facility, and operators, technicians, heavy equipment operators, and mechanics are needed, along with various other roles. Chemours offers competitive pay and a comprehensive benefits package. For those who do not have mining experience, Chemours offers an apprentice program. Interested applicants can learn more and apply by visiting our Minerals+Jobs+Page.

### Zirconium sand transaction report on 17 August in Guangdong Area, 2022

Product	Grade	Quantity	Date	Price (CNY/Ton)	Basis
Zirconium sand	65%(Premium)	100 tons	In middle August	16,900	Ex-works with tax(Vietnam)

### China's real estate investments decline by 6.4% in Jan-Jul, new construction loses 36.1%

In the January-July period this year, total real estate investments in China amounted to RMB 7.9462 trillion (\$1.2 trillion), down 6.4 percent year on year, as announced by China's National Bureau of Statistics (NBS).

In the given year, new commercial real estate sold in China covered a total area of 781.78 million m<sup>2</sup>, down 23.1 percent year on year.

The total area covered by construction activity in China in the given period declined by 3.7 percent year on year. Nevertheless, the new area covered by construction activity decreased by 36.1 percent year on year in the given period.

As a key industry with strong demand for steel, the outbreaks of the Covid-19 pandemic in China negatively affected the real estate industry, while financial problems, especially the debt defaults of several major real estate developers also exerted a negative impact on the industry, which weakened the demand for steel accordingly.

### South African rand opens flat; weak global data weigh



The South African rand was flat in early trade on Tuesday, with weak global economic data weighing on the risk-sensitive currency.

At 0600 GMT, the rand traded at 16.4600 against the dollar, the same level as its previous close.

No major domestic economic data releases are due on Tuesday, so the rand is expected to take its cue from overseas drivers.

On global markets, the safe-haven U.S. dollar hovered near a one-week high as world economic indicators reignited recession fears.

The rand fell around 1.6% against the dollar on Monday in risk-off trade.

On Wednesday, South Africa-focused investors will look to June retail sales figures for further clues about the economy's second-quarter performance. Last week June manufacturing and mining numbers came in worse than expected, adding to evidence the economy was struggling to gain momentum.