



AUGUST 27, 2021

PRICE DESCRIPTION	LOCATION	CURRENT PRICE	ASSESSMENT DATE	PREVIOUS PRICE	ASSESSMENT DATE	CHANGE	% CHANGE
BULK ORES AND ALLOYS							
CHROME ORE							
Chrome ore South Africa UG2 concentrates index basis 42%, cif China, \$/tonne	South Africa	182	24-Aug-21	182	17-Aug-21	0	0%
Chrome ore Turkish lumpy 40-42%, cfr main Chinese ports, \$/tonne	Turkey	270 - 300	24-Aug-21	270 - 295	17-Aug-21	▲ 2.5	▲ 0.88%
FERRO-CHROME							
High carbon							
Ferro-chrome high carbon 6-8% C, basis 60-65% Cr, max 2% Si, in-whs Pittsburgh, \$/lb	USA	1.68 - 1.76	26-Aug-21	1.70 - 1.76	19-Aug-21	▼ 0.01	▼ 0.58%
Ferro-chrome high carbon 6-8.5% C, basis 60-70% Cr, max 1.5% Si, delivered Europe, \$/lb Cr	EU	1.45 - 1.70	24-Aug-21	1.52 - 1.69	17-Aug-21	▼ 0.03	▼ 1.87%
Ferro-chrome low phosphorous, min 65% Cr, max 0.015% P, delivered Europe, \$/lb	EU	1.47 - 1.75	17-Aug-21	1.46 - 1.69	03-Aug-21	▲ 0.035	▲ 2.22%
Ferro-chrome high carbon 57-65% Cr, cif dup Japan, \$/lb	Japan	1.27 - 1.30	26-Aug-21	1.32 - 1.35	12-Aug-21	▼ 0.05	▼ 3.75%
Ferro-chrome high carbon 57-65% Cr, cif dup South Korea, \$/lb	South Korea	1.25 - 1.28	26-Aug-21	1.30 - 1.33	12-Aug-21	▼ 0.05	▼ 3.8%
Ferro-chrome index 50% Cr import, cif Shanghai, \$/lb contained Cr	China	1.33	24-Aug-21	1.33	17-Aug-21	0	0%
Ferro-chrome spot 6-8% C, basis 50% Cr, ddp China, yuan/tonne	China	10,400 - 10,800	24-Aug-21	10,400 - 10,800	17-Aug-21	0	0%
Ferro-chrome contract 6-8% C, basis 50% Cr, ddp China, yuan/tonne	China	10,595 - 10,795	24-Aug-21	10,595 - 10,795	17-Aug-21	0	0%
Ferro-chrome lumpy Cr benchmark indicator, charge basis 52% (and high carbon), Europe, \$/lb	EU	1.80	24-Aug-21	1.82	17-Aug-21	▼ 0.02	▼ 1.1%
Ferro-chrome lumpy Cr charge quarterly, basis 52% Cr (and high carbon), delivered Europe, \$/lb Cr	EU	1.56	01-Jul-21	1.56	01-Apr-21	0	0%
Low carbon							
Ferro-chrome low carbon 0.10%C, 62% Cr min, in-whs Pittsburgh, \$/lb	USA	2.75 - 2.80	26-Aug-21	2.75 - 2.80	19-Aug-21	0	0%
Ferro-chrome low carbon 0.05%C, 65% Cr min, in-whs Pittsburgh, \$/lb	USA	2.90 - 2.95	26-Aug-21	2.90 - 2.95	19-Aug-21	0	0%
Ferro-chrome low carbon 0.15%C, 60% Cr min, in-whs Pittsburgh, \$/lb	USA	2.70 - 2.75	26-Aug-21	2.70 - 2.75	19-Aug-21	0	0%
Ferro-chrome 0.10% C, average 65-70% Cr, delivered Europe, \$/lb Cr	EU	2.38 - 2.9	17-Aug-21	2.17 - 2.51	03-Aug-21	▲ 0.30	▲ 12.82%
Ferro-chrome low carbon, 65% Cr, max 0.06% C, delivered Europe, \$/lb Cr	EU	2.41 - 2.93	17-Aug-21	2.2 - 2.54	03-Aug-21	▲ 0.30	▲ 12.66%
MANGANESE ORE							
Manganese ore 44% Mn, cif Tianjin, \$/dmtu	China	5.27	20-Aug-21	5.32	13-Aug-21	▼ 0.05	▼ 0.94%
Manganese ore 37% Mn, fob Port Elizabeth, \$/dmtu	South Africa	2.87	20-Aug-21	2.84	13-Aug-21	▲ 0.03	▲ 1.06%
FERRO-MANGANESE							
High carbon							
Ferro-manganese high carbon 78% Mn, standard 7.5% C, in-whs Pittsburgh, \$/long ton	USA	2,450 - 2,500	26-Aug-21	2,400 - 2,450	19-Aug-21	▲ 50	▲ 2.06%
Ferro-manganese basis 78% Mn max, standard 7.5% C, delivered Europe, €/tonne	EU	1,470 - 1,540	20-Aug-21	1,470 - 1,540	13-Aug-21	0	0%
Ferro-manganese 65% Mn min, max 7% C, in-whs China, yuan/tonne	China	6,900 - 7,000	20-Aug-21	6,900 - 7,000	13-Aug-21	0	0%
Medium carbon							
Ferro-manganese medium carbon 80% Mn, max 1.50% C, in-whs Pittsburgh, \$/lb	USA	1.90 - 1.95	26-Aug-21	1.80 - 1.85	19-Aug-21	▲ 0.10	▲ 5.48%
Low carbon							
Ferro-manganese low carbon 80% Mn, max 0.80% C, in-whs Pittsburgh, US cents/lb	USA	209 - 220	26-Aug-21	209 - 220	19-Aug-21	0	0%
SILICO-MANGANESE							
Silico-manganese 65% Mn min, min 16% Si, in-whs Pittsburgh, \$/lb	USA	1.10 - 1.12	26-Aug-21	1.00 - 1.06	19-Aug-21	▲ 0.08	▲ 7.77%
Silico-manganese lumpy 65-75% Mn, basis 15-19% Si (scale pro rata), major European destinations, €/tonne	EU	1,550 - 1,620	20-Aug-21	1,550 - 1,620	13-Aug-21	0	0%
Silico-manganese 65% Mn min, min 16% Si, fob India, \$/tonne	India	1,420 - 1,450	20-Aug-21	1,420 - 1,450	13-Aug-21	0	0%
Silico-manganese 65% Mn min, max 17% Si, in-whs China, yuan/tonne	China	7,500 - 7,600	20-Aug-21	7,500 - 7,600	13-Aug-21	0	0%

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BULK ORES AND ALLOYS (cont'd)							
FERRO-SILICON							
Ferro-silicon 75% Si, in-whs Pittsburgh, \$/lb	USA	1.95 - 2.00	26-Aug-21	1.90 - 1.95	19-Aug-21	▲ 0.05	▲ 2.60%
Ferro-silicon lumpy basis 75% Si (scale pro rata), delivered Europe, €/tonne	EU	1,850 - 1,950	20-Aug-21	1,775 - 1,900	13-Aug-21	▲ 62.5	▲ 3.4%
Ferro-silicon 75% Si min export, fob China, \$/tonne	China	2,000 - 2,100	25-Aug-21	1,930 - 1,970	18-Aug-21	▲ 100	▲ 5.13%
Ferro-silicon 75% Si min, in-whs China, yuan/tonne	China	9,800 - 10,400	25-Aug-21	9,200 - 9,500	18-Aug-21	▲ 750	▲ 8.02%
NOBLE ORES AND ALLOYS							
MOLYBDENUM							
Molybdenum oxide							
Molybdenum canned molybdic oxide, in-whs Pittsburgh, \$/lb	USA	20.25 - 20.5	26-Aug-21	20 - 20.25	19-Aug-21	▲ 0.25	▲ 1.24%
Molybdenum drummed molybdic oxide 57% Mo min, in-whs Rotterdam, \$/lb Mo	EU	20.4 - 20.5	25-Aug-21	20.1 - 20.4	20-Aug-21	▲ 0.2	▲ 0.99%
Molybdenum concentrate							
Molybdenum concentrate, MB Chinese free market, 45% Mo, RMB per mtu	China	N/A	N/A	N/A	N/A	N/A	N/A
FERRO-MOLYBDENUM							
Ferro-molybdenum 65-70% Mo, in-whs Pittsburgh, \$/lb	USA	21.3 - 22	26-Aug-21	21.25 - 22	19-Aug-21	▲ 0.025	▲ 0.12%
Ferro-molybdenum 65% Mo min, in-whs Rotterdam, \$/kg Mo	EU	47.25 - 48.1	25-Aug-21	47.3 - 48.5	20-Aug-21	▼ 0.225	▼ 0.47%
FERRO-TITANIUM							
Ferro-titanium 70% Ti, max 4.5% Al, ddp Europe, \$/kg Ti	EU	7.7 - 8.0	25-Aug-21	7.7 - 8.0	18-Aug-21	0	0%
Ferro-titanium 68-72% Ti, ex-whs US, \$/lb	USA	3.5 - 3.7	26-Aug-21	3.45 - 3.7	19-Aug-21	▲ 0.025	▲ 0.7%
TUNGSTEN							
APT							
Tungsten APT 88.5% WO3 min Europe, cif Rotterdam duty-free, \$/mtu WO3	EU	310 - 315	20-Aug-21	310 - 315	13-Aug-21	0	0%
Tungsten APT 88.5% WO3 min, fob main ports China, \$/mtu WO3	China	305 - 310	25-Aug-21	305 - 310	18-Aug-21	0	0%
Concentrate							
Tungsten concentrate 65% WO3, in-whs China, yuan/tonne	China	113,000 - 115,000	25-Aug-21	113,000 - 115,000	18-Aug-21	0	0%
FERRO-TUNGSTEN							
Ferro-tungsten basis 75% W, in-whs dup Rotterdam, \$/kg W	EU	40.5 - 41.5	25-Aug-21	40.5 - 41.5	20-Aug-21	0	0%
Ferro-tungsten export, min 75%, fob China, \$/kg W	China	N/A	N/A	N/A	N/A	N/A	N/A
VANADIUM PENTOXIDE							
Vanadium pentoxide 98% V2O5 min, in-whs Rotterdam, \$/lb V2O5	EU	9.5 - 9.8	20-Aug-21	9.5 - 9.8	13-Aug-21	0	0%
FERRO-VANADIUM							
Ferro-vanadium 70-80% V, in-whs Pittsburgh, \$/lb	USA	17.2 - 17.5	26-Aug-21	17.2 - 17.5	19-Aug-21	0	0%
Ferro-vanadium basis 78% V min, 1st grade, ddp Western Europe, \$/kg V	EU	38.5 - 39.8	25-Aug-21	39 - 40.1	20-Aug-21	▼ 0.4	▼ 1.01%
MINOR METALS							
CHROMIUM METAL							
Chromium, alumino-thermic, min. 99%, ex-U.S. warehouse, \$ per lb	USA	4.85 - 5	26-Aug-21	4.85 - 5	19-Aug-21	0	0%
Chromium alumino-thermic 99% min, in-whs Rotterdam, \$/tonne	EU	9,600 - 9,800	20-Aug-21	9,500 - 9,800	13-Aug-21	▲ 50	▲ 0.52%
MANGANESE							
Manganese electrolytic metal 99.7% Mn min, ex-whs US, \$/lb	USA	2.9 - 3.2	26-Aug-21	2.85 - 3.05	19-Aug-21	▲ 0.10	▲ 3.39%
Manganese 99.7% electrolytic manganese flake, in-whs Rotterdam, \$/tonne	EU	5,350 - 5,500	25-Aug-21	5,200 - 5,350	20-Aug-21	▲ 150	▲ 2.84%
SILICON METAL							
Silicon, ddp US, US cents/lb	USA	157 - 163	26-Aug-21	153 - 160	19-Aug-21	▲ 3.5	▲ 2.24%
Silicon grade 4-4-1 99% Si min, in-whs Rotterdam, €/tonne	EU	2,550 - 2,650	20-Aug-21	2,500 - 2,600	13-Aug-21	▲ 50	▲ 1.96%
Silicon export 98.5% Si min, fob China, \$/tonne	China	2,800 - 3,000	20-Aug-21	2,450 - 2,550	13-Aug-21	▲ 400	▲ 16%

Source: Fastmarkets