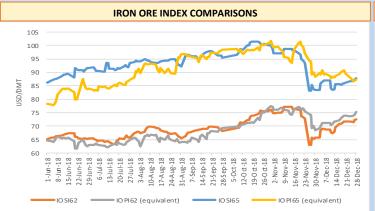


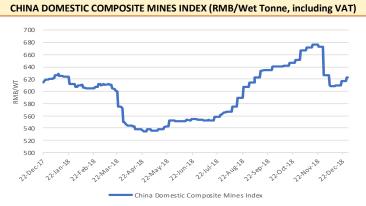
Daily	Iron Or	e Inde	x Repo	ort								Decen	nber 28	3, 2018	3
						IRON ORE	PORT S	TOCK INDEX	(IOPI)						
ecember	28, 2018		FOT Q	ingdao (ind	c. 16% VAT), I	RMB/wet to	onne			CFR Qingd	ao Equival	ent (exc. 16%	VAT), USD/	dry tonne	1
dex	Fe Content	Price	Change	Change %	MTD	YTD ²	Low ²	High ²	Price	Change	Change	% MTD	YTD ²	Low ²	High ²
)PI62	62% Fe Fines	579	6	1.0%	559	510	443	603	75.23	1.10	1.5%	72.28	67.74	61.36	77.89
PI58	58% Fe Fines	404	-2	-0.5%	392	361	304	419	51.34	-0.07	-0.1%	49.55	46.63	40.67	52.71
PI65	65% Fe Fines	667	0	0.0%	681	659	541	784	87.24	0.33	0.4%	88.86	88.55	75.83	101.71
		IR	ON ORE SEA	ABORNE II	NDEX (IOSI)						MAR	кет сомме	NTARY		
ecember	28, 2018			CFR Qing	gdao, USD/dr	y tonne			I			owered daily avera			
ndex	Fe Content	Price	Change	Change %	MTD	YTD ³	Low ³	High ³				rt stocks on the we ago to stand at 13		-	
OSI62	62% Fe Fines	72.50	0.30	0.4%	69.83	68.96	62.95	86.20	l			orthern and easter . Delivery limitatio			
OSI65	65% Fe Fines	87.80	0.50	0.6%	85.85	93.10	83.20	101.50	_		_	ich buoyed averag			
						IRON ORE	PORT LI	JMP INDEX	(IOPLI)						
/eek Endin	ng December 28		FOT O	(ingdao (in	c. 16% VAT),					CFR Qingd	ao Equiva	ent (exc. 16%	VAT), USD/	dry tonne	1
ndex	Fe Content	Price	W-o-W	Change %	MTD	YTD ³	Low ³	High ³	Price	W-oW	Change	% MTD	YTD ³	Low ³	High ³
OPLI62	62.5% Fe Lump	752	2	0.3%	749	656	565	789	94.73	0.53	0.6%	94.22	84.35	76.63	98.50
			IROI	N ORE DO	MESTIC CON	ICENTRATE	E SPOT P	RICE ASSESS	SMENTS A	ND COMP	OSITE IN	DEX			
Veek Endi	ng December 2	1, 2018						ding tax) 4					(excluding t	ax) ⁴	
rovince	Region	Product		Basis	This week	Change 9	•	Low ²	High ²	This	week	Change %	Low		High ²
ebei	Hanxing	66% Fe	Concentrate	Dry	658	1.1%		579	718	9	5.53	1.04%	84.0	6	104.24
lebei	Qian'an	65% Fe	Concentrate	Dry	735	4.3%		630	815	10	6.71	4.22%	91.4	7	118.33
iaoning	Anshan	65% Fe	Concentrate	Wet	535	0.0%		445	565	7	7.67	-0.03%	64.6	1	82.03
handong	Zibo	65% Fe	Concentrate	Dry	740	0.0%		620	815	10	7.44	-0.03%	90.0	1	118.33
Veek Endi	ng December 2	1, 2018			This week	Change 9	%	Low ⁵	High ⁵			: RMB/USD = 6.8632 applied: RMB/USD 6.			
hina Mine	es Concentrate	Composite	Index RMB/	WT	617.30	1.2%		534.50	676.26	Weekly	excitatige rate a	ірріїец. кімів/ОЗО б.	9206 Last 12 III	onuis	
	IRON C	RE PORT	INDEX, FOT	QINGDA	O (RMB/WT)			IRON O	RE SEABO	RNE INDI	X, CFR QING	DAO (USD	/DMT)	
850 —								105							
750 —				~~~~		√		95			~~	~~	/_		
650 —				W 7		ا لب	<u>^</u>	85						_	مسما
-		~~~				~~~	ا بہ	7.5						_	
550			~~~	~~~				/5						1 ~	
450								65							
350		~~~						55							
250	0 0 0 0	0. 0	0 0 0	0. 0.	0 0 0	0 0 0		45						1 1	
2.APT. 7.APT	Janar Janar Junia	Jun 18 11 16 1	11.78 111.78 118.78 11.78 111.78 118.78	18 20 29 Sep.	180 290 13 NOV	18 40 13 Dec 38 D	ec. yo	J.Jur. 25 Jur.	28 Jun 18 Jul 1	27.111.20 AUB 19	AAU8:18 1.5EP	1,589, 5.0t. 390	5.18 NOV.18 NOV.	30 Nov. 18 Dec	28 Dec. 38
, ,, ,	, r 21 , 2	· •	2 22 30	Δ. Δ	y v v	で ジン		, 4,	J., .k.	, % J	, , ,	J, , ,	1 70	30 Yu	20
	•	IO PI 6	i21O	PI 58	IO PI 65					_	10 SI6	2 — IO SI	65		
			IRC	N ORE PO	ORT STOCK I	NDEX MO	NTHLY, C	QUARTERLY	AND YEAR	R-TO-DATE	AVERAG	ES			
ecember	28, 2018		FOT C	Qingdao (in	c. 16% VAT),	RMB/wet to	onne			CFR Qingo	lao Equiva	lent (exc. 16%	VAT), USD/	dry tonne	1
ndex	Fe Content	August	September	October	November	MTD	QTD	YTD²	August	Septembe	r Octobe	November	MTD	QTD	YTD ²
OPI62	62% Fe Fines	505	513	564	564	559	569	510	64.29	63.41	65.25	72.55	72.28	73.36	67.74
OPI58	58% Fe Fines	363	385	401	401	392	400	361	44.14	44.86	45.84	50.47	49.55	50.44	46.63
)PI65	65% Fe Fines	701	732	760	760	681	727	659	82.19	85.29	92.13	99.05	88.86	84.72	88.55
IRON	N ORE SEABOR	RNE INDE	K MONTHLY	, QUARTE	RLY AND YE	AR-TO-DA	TE AVEF	RAGES				FREIGHT RAT	ΓES		
ecember	28, 2018			CFR Qin	gdao, USD/dr	ry tonne			December 2	7 2018		FREIGHT RA	TES - DRY BUL	K US\$/wet	tonne
ndex	Fe Content	August	September	October	November	MTD	QTD	YTD ³	Route	Desi	gnation	Change	Change %	Low ⁵	High ⁵
OSI62	62% Fe Fines	67.89	68.79	72.31	72.91	69.83	71.76	68.96	W. Australia -	Qingdao	C5 6.2	21 0.00	0.00%	5.109	10.002
OSI65	65% Fe Fines	94.04	96.48	98.97	94.05	85.85	93.37	93.10	Tubarao - Qing	gdao	C3 16 .	0.00	0.00%	12.705	24.76
IRON ORE PORT LUMP INDEX MONTHLY, QUARTERLY AND YEAR-TO-DATE AVERAGES										R-TO-DATE	AVERAG	ES			
	- Dansuskau 20		FOT C	Qingdao (in	ic. 16% VAT),	RMB/wet t	onne			CFR Qingd	ao Equiva	lent (exc. 16%	VAT), USD/	dry tonne	1
Veek Endin	ig December 28														
Veek Endin	Fe Content	August	September	r October	November	MTD	QTD	YTD ³	August	Septembe	r Octobe	r Novembei	MTD	QTD	YTD ²
	-	August 652	September 695	720	November 771	MTD 749	QTD 751	YTD ³ 656	August 81.74	September 87.49	er Octobe 89.65		• MTD 94.22	QTD 93.91	YTD ² 84.35



December 28, 2018

SEABORNE INDEX (USD/DMT)





IRON ORE BRAND SPOT PRICE ASSESMENTS

December 28, 2018

December 28, 2018	PORT STOCK INDEX (RMB/WT)					
	Price	Change	Diff to IOPI62			
Roy Hill	548	6	-31			
SIMEC Fines	470	7	-109			
PB Fines	561	6	-18			
Newman Fines	561	7	-18			
MAC Fines	539	7	-40			
Jimblebar Blended Fines	513	8	-66			
Carajas Fines	664	0	85			
Brazilian SSF	509	7	-70			
Brazilian Blend Fines	561	6	-18			
RTX Fines	499	8	-80			

	Price	Change	Diff to IOSI62
Roy Hill	67.34	0.28	-5.16
SIMEC Fines	63.66	0.27	-8.84
PB Fines	71.94	0.13	-0.56
Newman Fines	75.00	0.28	2.50
MAC Fines	67.71	0.07	-4.79
Jimblebar Blended Fines	62.54	-0.22	-9.96
Carajas Fines	86.92	-0.08	14.42
Brazilian SSF	75.00	-0.32	2.50
Brazilian Blend Fines	76.12	-0.08	3.62
RTX Fines	63.99	-0.12	-8.51

IVIX I IIIE3	433		-80				
December 28, 2018	PORT STOCK INDEX (RMB/WT)						
	Price	Change	Diff to IOPI58				
SSF	349	-9	-55				
FMG Blended Fines	401	-5	-3				
Robe River	429	13	25				
Western Fines	358	-15	-46				
Atlas Fines	350	-11	-54				
Yandi	449	-7	45				

IRON ORE INDEX NORMALISATION DIFFERENTIALS

Port Stock Index Product Differentials (RMB/wet tonne)				Seaborne Index Product Differentials (UDS/dry tonne)			
	Applicable range	Value	Change		Applicable range	Value	Change
	High Grade Fe 60 - 63%	8.00	0.00		High Grade Fe 60 - 63%	3.25	0.00
	High Grade Fe 63 - 64%	28.00	-3.00	1% Fe	High Grade Fe 63 - 64%	2.25	0.00
1% Fe	High Grade Fe 64 - 65%	28.00	-3.00		High Grade Fe 64 - 65%	2.25	0.00
	High Grade Fe 65 - 65.5%	28.00	-3.00		High Grade Fe 65 - 65.5%	2.25	0.00
	Low Grade Fe	15.00	0.00				
	High Fe Grade Al <2.25%	23.00	0.00		High Fe Grade Al <2.25%	4.00	-0.50
1% Alumina	High Fe Grade Al 2.25-4%	42.00	42.00 -3.00		High Fe Grade Al 2.25-4%	0.75	0.50
170 Alullilla	Low Fe Grade Al <2.25%	81.00	0.00	1% Alumina			
	Low Fe Grade Al 2.25-4%	25.00	5.00				
	High Fe Grade Si <4%	2.00	0.00		High Fe Grade Si <4%	1.50	0.00
1% Silica	High Fe Grade Si 4-6.5%	44.00	0.00	1% Silica	High Fe Grade Si 4 - 6.5%	1.00	0.00
	Low Fe Grade	17.00	5.00				
0.01%	High Fe Grade 0.09% <p<0.115%< td=""><td>0.09%<p<0.115% <b="">5.00 0.00</p<0.115%></td><td>0.00</td><td>0.01%</td><td>High Fe Grade 0.09%<p<0.115%< td=""><td>0.25</td><td>0.00</td></p<0.115%<></td></p<0.115%<>	0.09% <p<0.115% <b="">5.00 0.00</p<0.115%>	0.00	0.01%	High Fe Grade 0.09% <p<0.115%< td=""><td>0.25</td><td>0.00</td></p<0.115%<>	0.25	0.00
	High Fe Grade 0.115% <p<0.15%< td=""><td>2.00</td><td>0.00</td><td></td><td>High Fe Grade 0.115%<p<0.15%< td=""><td>1.75</td><td>0.00</td></p<0.15%<></td></p<0.15%<>	2.00	0.00		High Fe Grade 0.115% <p<0.15%< td=""><td>1.75</td><td>0.00</td></p<0.15%<>	1.75	0.00
Phosphorus	Low Fe Grade 0.09 <p<0.1%< td=""><td>6.00</td><td>3.00</td><td>Phosphorus</td><td></td><td></td><td></td></p<0.1%<>	6.00	3.00	Phosphorus			

	Port Stock Differentials to Qingdao Port (RMB/wet tonne)										
Port	Value	Change	Port	Value	Change	Port	Value	Change	Port	Value	Change
Bayuquan	-45.00	0.00	Fangcheng	-5.00	0.00	Lanshan	0.00	0.00	Qingdao	0.00	0.00
Beilun	5.00	0.00	Jiangyin	-10.00	0.00	Lianyungang	0.00	0.00	Rizhao	0.00	0.00
Caofeidian	-10.00	0.00	Jingtang	-10.00	0.00	Majishan	0.00	0.00	Shekou	0.00	0.00
Dalian	-30.00	0.00	Lanqiao	0.00	0.00	Nantong	-10.00	0.00	Tianjin	0.00	0.00

www.mmiprices.com

Page 2/5



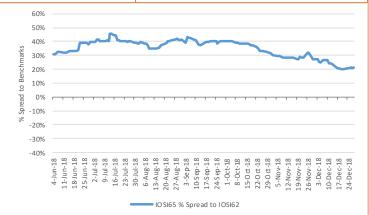
December 28, 2018

IRON ORE INDEX PREMIUMS/DISCOUNTS

December 28, 2018	PORT STOCK IN	NDEX (RMB/WT)
Fe Content	Spread to IOPI62	% Spread to IOPI62
58% Fe Fines	-175	-30.22%
65% Fe Fines	88	15.20%

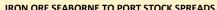


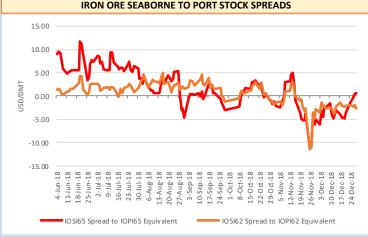
December 28, 2018 SEABORNE INDEX (USD/DMT) Fe Content Spread to IOSI62 % Spread to IOSI62 65% Fe Fines 15.30 21.10%



WEEKLY IRON ORE PORT STOCK LUMP PREMIUM (62.5% FE LUMP-62% FE FINES)







TOTAL IRON ORE INVENTORIES AT CHINA PORTS



FUTURE TRADING—FRONT MONTH CLOSING PRICE



IRON ORE PORT	INVENTORIES

Week Ending December 28, 2018 (million tonnes)										
Province This week Change % Low ⁴ High										
Jingtang	13.60	-2.16%	13.29	19.00						
Qingdao	17.00	3.03%	16.09	19.97						
Caofeidian	19.30	4.61%	16.70	25.30						
Tianjin	9.60	-1.03%	8.50	11.00						
Rizhao	14.00	-6.35%	14.00	19.00						
Total (35 Ports)	130.48	1 76%	127 72	150.04						

IRON ORE FUTURES CONTRACTS

		DCE			SGX	
Closing Date	28 Dec 3pm close				28 Dec 6 pm	
Contract	11905	Change	Change %	Jan'18	Change	Change %
Closing Price	495.0	3.5	0.71%	70.69	0.00	0.00%
Vol traded ('000 lots)	74.68	-43.9	-37.00%	11.34	0.00	0.00%
Open positions ('000 lots)	74.23	-1.7	-2.21%	113.77	0.00	0.00%
Day Low	489.0	2.5	0.51%	70.11	0.00	0.00%
David Bah	402.0		1 200/	70.00	0.00	0.000/

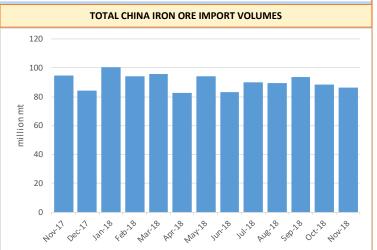
www.mmiprices.com

Page 3/5



December 28, 2018





Steel Spot Market Prices - China

Steel Spot Market RMB/tonne			
Product	21/12/2018	Change	Change %
ReBar HRB400 ¢18mm	3,975.0	35	0.89%
Wirerod Q300 ¢6.5mm	4,070.0	30	0.74%
HRC Q235/SS400 5.5mm*1500*C	3,834.0	16	0.42%
CRC SPCC/ST12 1.0mm*1250*2500	4,266.0	13	0.31%
Medium & Heavy Plate Q235B 20mm	3,860.0	24	0.63%
GI ST02Z 1.0mm*1000*C	4,620.0	0	0.00%
Billet Q235 150*150mm	3,440.0	90	2.69%



CHINESE STEEL EXPORT PRICES										
China Export Prices USD/	tonne									
Product	Specification	Export tax (+)/Vate rebate (-)		Change						
			21/12/2018							
Rebar	BS4449 460B 12-25mm, + chrome	-13%	495	5						
Wire Rod	SAE1008 6.5-10mm +chrome	-9%	505	5						
Hot-rolled coil	SS400/Q235 4.0-10.mm	-9%	500	10						
Cold-rolled coil	SPCC 1.0mm	-13%	545	5						
Medium & Heavy plate	A-level Shipe plate 12-25mm	0%	520	0						
Galvanised	ST02Z/SGCC 1.0mm	-13%	560	5						

Note: Calculation formula for converting export prices of rebar, cold-rolled steel and galvanizing into prices in China's spot market = FOB* exchange rate*1'£6/(15-0.5); Calculation formula for converting export prices of wire rod and hot-rolled steel into prices in hina's spot market = FOB* exchange rate *15/(115-0.9); Calculation formula for converting export prices of medium-thick plate into prices in China's spot market = FOB* exchange rate

Steel	Inventories³ (unit	: 1000 tonnes))	
Product	21/12/2018	14/12/2018	Change	Change %
Rebar	3,009	2,974	35	1.18%
Wirerod	1,023	1,005	18	1.79%
Hot-rolled Coil	1,887	1,944	-57	-2.93%
Medium & Thick Plate	951	995	-44	-4.42%
Cold-rolled Coil	1,075	1,081	-6	-0.56%
Total	7 945	7 999	-54	-0.68%

CHINESE STEEL INVENTORIES

³ SMM statistics cover inventories of major steel products in China's major markets: hot-rolled steel inventories in 33 major cities; rebar and wire inventories in 35 major cities; cold-rolled steel and medium-thick plate inventories in 31 major cities.

CHINESE STEEL MILL PROFITABILITY

SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)						
Category	Price	Change (WoW)	Note			
MMi (Fe 62%), USD/mt exluding tax	73.81	2.14	Mmi CFR Equivalent index for 12th October			
Coke	2,160	0	2nd grade met coke, Tangshan, incl. tax			
Steel Scrap	2,200	70	steel scrap (6mm) in Zhangjiagang, exl. tax			
Billet Cost	2,046	-862	Q234, incl. tax			
Rebar cost - Blast furnace	3,208	33	calculated based on theoretical w eight, incl. tax			
Rebar profit - Blast furnace	542	-23	based on Shanghai prices, incl. tax			
Hot-rolled coil cost - Blast furnace	3,271	38	based on actual w eight, incl. tax			
Hot-rolled coil proft - Blast furnace	549	-38	based on Shanghai prices, incl. tax			

Note: 1 Costs in the table are caluclated based on todays market prices and facout our management, sales, financial and depreciations fees.

 $2. The cost \ refers \ to \ average \ cost \ in \ the \ industry \ based \ on \ SMM's \ survey \ of \ small, medium \ and \ large \ mills \ in \ China \ or \ SMM's \ survey \ of \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ china \ or \ small, medium \ and \ large \ mills \ in \ china \ or \ small, medium \ and \ large \ mills \ or \ small, medium \ and \ large \ mills \ or \ small, medium \ and \ large \ or \ small, medium \ and \ large \ or \ small, medium \ or \$

www.mmiprices.com

Page 4/5



December 28, 2018

IRON ORE INDEX SPECIFICATIONS, COMPILATION RATIONALE AND DATA EXCLUSIONS

	Iron Ore	Iron Ore Index Compilation Rational and Data Exclusions						
	65% Fe Fines 62% Fe Fines 58% Fe Fines 62.5% Fe Lump			MMi iron ore indices are compiled from data provided by companies that are				
Fe %	65.00	65 00 67 00 58 00 67 50		part of the iron ore supply chain and involved in spot market transactions. The indices are calculated using detailed transaction-level data submitted to MMi by				
Alumina %	1.40	2.25	2.25	1.50 these companies. This data is normalised to the appropriate		specifications and		
Silica%	150 400 550 250				screened to remove outliers before volume-weighted average prices are calculated from the remaining core set of data.			
Phosphorus %	0.06	0.09	0.05	0.08	For more details on MMi's iron ore methodology please download the guide			
Sulphur %	0.01	0.02	0.02			d on our website at: www.mmiprices.com		
Moisture %	8.00	8.00	9.00	4.00				
Granular size below 10mm for at least 90% of cargo; Size below		Size below 6.3mm max 15%	Data Exclusions*					
Sizing	Granular Size be	slow forming for at rea	ast 90% of cargo;	Size below 6.3mm max 15%		62%	58%	65%
Sizing	maximu	um of 40% below 150) micron	Size above 31.15mm max 25%	Port Index	0	0	0
					Seaborne index	0		0
Pricing Point	Qingdao Port (FOT and CFR respectively)		FOT Qingdao Port	Lump Index 62.5	0			
Timing (Seaborne)	Loading within 4 weeks, Delivery within 8 weeks		Delivery within 2 weeks	* Number of price submissions for iron ore indices that were excluded from				
Payment Terms	L/C at sight		L/C at sight or CAD index calculations today as they were anomalous and could not be verified				ot be verified	

IRON ORE DOMESTIC CONCENTRATE INDEX CALCULATION METHODOLOGY

The compilation method for price index generally refers to the compilation method of CPI price index and other price indices, breakdown the price data and calculate the average value according to a certain method, taking the vertical axis as the regional composite index (average of different grade index) and the horizontal axis as the grade composite index (average of different regional index), a total composite index for domestic ore can be output ultimately. The process system is also adopted in the calculation i.e. each sub-index can be obtained as well.

AVERAGE IRON ORE SPECIFICATIONS APPLIED FOR BRAND PRICE ASSESSMENTS

PORT STOCK BRANDS					SEABORNE BRANDS						
December 28, 2018 SPECIFICATIONS APPLIED FOR 62% BRAND ASSESSMENTS				SPECIFICA	SPECIFICATIONS APPLIED FOR 62% BRAND ASSESSMENTS						
	Fe	Alumina	Silica	Phos	Moisture		Fe	Alumina	Silica	Phos	Moisture
Roy Hill	60.76%	2.35%	4.31%	0.060%	8.58%	Roy Hill	60.70%	2.30%	4.90%	0.055%	8.00%
SIMEC Fines	60.00%	2.30%	6.30%	0.060%	6.00%	SIMEC Fines	60.00%	2.30%	6.30%	0.060%	6.00%
PB Fines	61.59%	2.33%	3.61%	0.100%	9.33%	PB Fines 62%	62.00%	2.60%	4.30%	0.090%	10.00%
Newman Fines	62.19%	2.48%	4.21%	0.090%	7.97%	Newman Fines	62.80%	2.20%	4.30%	0.080%	6.40%
MAC Fines	60.81%	2.30%	4.73%	0.090%	7.43%	MAC Fines	61.00%	2.70%	4.70%	0.110%	9.30%
Jimblebar Blended Fines	61.33%	2.88%	4.23%	0.110%	6.85%	Jimblebar Blended Fines	61.79%	2.67%	4.08%	0.115%	7.16%
Carajas Fines	64.86%	1.29%	2.07%	0.060%	8.10%	Carajas Fines	65.10%	1.50%	1.70%	0.080%	8.50%
Brazilian SSF	62.00%	1.00%	6.50%	0.040%	6.00%	Brazilian SSF	62.00%	1.00%	6.50%	0.040%	6.00%
Brazilian Blend Fines	62.73%	1.53%	4.87%	0.070%	8.43%	Brazilian Blend Fines	62.50%	1.50%	5.00%	0.070%	7.00%
RTX Fines	61.00%	3.10%	4.50%	0.135%	7.50%	RTX Fines	61.00%	3.10%	4.50%	0.135%	7.50%
December 28, 2018 SPECIFICATIONS APPLIED FOR 58% BRAND ASSESSMENTS											

December 28, 2018	SPECIFICATIONS APPLIED FOR 58% BRAND ASSESSMENTS					
	Fe	Alumina	Silica	Phos	Moisture	
SSF	56.53%	3.09%	6.18%	0.050%	9.19%	
FMG Blended Fines	58.25%	2.68%	5.64%	0.060%	7.44%	
Robe River	56.63%	2.88%	1.85%	0.040%	9.09%	
Western Fines	57.78%	2.92%	7.37%	0.060%	7.46%	
Atlas Fines	56.59%	2.55%	7.14%	0.080%	8.46%	
Yandi	57.29%	1.37%	6.37%	0.040%	9.00%	

BLOOMBERG TICKERS

PORT STOCK INDICES						
	FOT Qingdao (RMB/wet tonne)	CFR Qingdao Equivalent (USD/dry tonne)				
IOPI62	IRCNQ001	IRCNQ004				
IOPI58	IRCNQ002	IRCNQ005				
IOPI65	IRCNQ003	IRCNQ006				

MMI Singapore Office Details: Level 28, Manulife Tower, 8 Cross Street Singapore. Tel: + 65 6850 7629 E: jarek@mmiprices.com SMM Singapore Office Details: Level 28, Manulife Tower, 8 Cross Street Singapore. Tel: + 65 6850 7630 E: service.en@smm.cn SMM Shanghai Office Details: 9th FL, Building 9, Lujiazui Software Park, No.20, Lane 91, Pudong, Shanghai Tel: +86 021 5155 0306 E: service.en@smm.cn

Visit www.mmiprices.com for full index price histories and archive of daily reports

This information has been prepared by Metals Market Index ("MMi"). Use of the information presented here is at your sole risk, and any content, material and/or data presented or otherwise obtained through your use of the information in this document is at your own discretion and risk and you will be solely responsible for any damage to you personally or your company or organisation or business associates whatsoever which in anyway results from the use, reliance or application of such content material and/or information. Certain data has been obtained from various sources and any copyright existing in such data shall remain the property of the source. Except for the foregoing, MMi retains all copyright within this document. The copying or redistribution of any part of this document without the

express written authority of MMi is forbidder Page 5/5 www.mmiprices.com