

SWJ GLOBAL SOURCING LIMITED



SWJ Global Sourcing Limited is a global sourcing company which sources and distributes high-quality sub raw materials and minerals in iron and steel industries across the world

Having long-term partnerships with leading manufacturers and distributors in China, we have been supplying high-quality raw materials to Japan, Korea, the EU and the US as well as S.E. Asia countries

Key trading products are categorized into three segments as below

- ❖ **Carbon Base:** Foundry coke Metallurgical coke, Foundry formed coke, GPC, CPC, Calcined anthracite, Amorphous graphite, Anthracite briquettes etc.
- ❖ **Ferro alloys:** Fe-Si, Ca-Si, Fe-Mo, Fe-V, Fe-Mn, Fe-W, Fe-Cr, Mn Metal, MoO₃, V₂O₅, Cored wire, Si-Mg, Inoculant, SIC etc
- ❖ **Refractory materials and Minerals:** Magnesite (DBM, LBM), Calcium Aluminate, Brown fused Alumina, White fused Alumina, Olivine sand, Coated EBT filler sand, Brucite, Quartz sand, Fluorspar etc.

Customized Sourcing Service

- ❖ Our long sourcing experience and expertise make us possible to provide customized sourcing services for un-commercialized products or meeting special requirements of customers. Expanding from passive sourcing, we are committed to provide value-added source service for our customers

SWJ Global Sourcing Limited guarantees providing top quality products and services, fully meeting your expectations from manufacturing, packaging, shipping to transporting through customs entry. Our commitment is not just delivering products on time, but maximizing our client's satisfaction for every trading deal



1

• **High quality and Competitive price** : Provides high quality but most competitively priced products so as for customers to reduce manufacturing costs and even improve product quality

2

• **Customized Sourcing Service** : Able to provide customized products at specific specifications and requirements with long experience and expertise of SWJ Global

3

• **Stable supply and on-time delivery** : Guarantees stable supply and on-time delivery by managing and monitoring entire export process from manufacturing, shipping, transporting to customs entry

4

• **Quick response**: Provides a quick response to any problems occurring from orders to delivery

5

• **Excellent after-sales service**: Provides after-sales service and committed to make continual efforts to improve service standards based on customer's feedback

CARBON BASE

❖ COKE

- FOUNDRY COKE
- METALLURGICAL COKE
- FOUNDRY FORMED COKE [COLUMNAREZED TYPE]
- FOUNDRY FORMED COKE [QUADRATE TYPE]

❖ CARBON ADDITIVES

- GPC (GRAPHITED PETROLEUM COKE)
- CPC (CALCINED PETROLEUM COKE)
- CALCINED ANTHRACITE

❖ AMORPHOUS GRAPHITE [ORIGIN : NORTH KOREA]

❖ ANTHRACITE BRIQUETTES

❖ COKE BRIQUETTES

PRODUCT DETAILS

PRODUCT NAME
❖ **FOUNDRY COKE**

SPECIFICATIONS

Chemical composition

F.C, Min	S, Max	Ash, Max	V.M, Max	Moisture, Max
90 %	0.6 %	8.0 %	1.5%	5 %
87 %	0.6 %	10.0 %	1.5%	5 %

SIZE
❖ 80-120MM; 100-120MM 150-200MM

APPLICATIONS
❖ Used as carbon additives in steelmaking, foundry industry

FEATURES
❖ High fixed carbon content and low sulfur content
❖ High recovery rate of carbon reserves

ORIGIN : CHINA

FOUNDRY COKE



TRADING TERMS

PACKAGING
❖ IN 1MT P.P WOVEN BAG / BULK

DELIVERY
❖ Delivery time to be negotiated

PAYMENT TERM
❖ L/C or T/T

LOADING PORT
❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ METALLURGICAL COKE

SPECIFICATIONS

Chemical composition

F.C, Min	S, Max	Ash, Max	V.M, Max	Moisture, Max
86 %	0.7 %	12.5 %	1.5%	8 %

SIZE

❖ 10-30MM, 30-90MM etc

APPLICATIONS

❖ Used as carbon additives when producing alloy irons

FEATURES

❖ High content rate of fixed carbon
❖ High yielding rate of carbon

ORIGIN : CHINA

METALLURGICAL COKE



TRADING TERMS

PACKAGING

❖ BULK

DELIVERY

❖ Delivery time to be negotiated

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ **FOUNDRI FORMED COKE [COLUMNAREZED TYPE]**

SPECIFICATIONS

Chemical composition

F.C, Min	S, Max	Ash, Max	V.M, Max	Moisture, Max
85 %	0.05 %	10.0 %	2.0 %	5 %
85 %	0.06 %	12.0 %	2.2 %	5 %
85 %	0.80 %	13.5 %	2.5 %	5 %

SIZE

❖ **Φ115×115×19mm, Φ135×135×21mm**

APPLICATIONS

❖ **Used as carbon additives in steelmaking, foundry industry**

ORIGIN : CHINA

FOUNDRI FORMED COKE



FOUNDRI FORMED COKE



PRODUCT FEATURE

- Replaceable for foundry coke
 - Lower cost than foundry coke
 - Able to adjust input volume and easier-to-input due to consistent and regular form
 - Able to obtain over 1,500°C of molten steel
 - High compressive strength
 - High thermal stability
 - 10 to 15% improved energy efficiency with 'Cupola' electric furnace
 - 20 to 60% improved re-carburizing efficiency
-

TRADING TERMS

- PACKAGING
 - ❖ IN 1MT P.P WOVEN BAG
 - ❖ BULK IN CONTAINERS
 - DELIVERY
 - ❖ <500MT : Within one month after order made
 - ❖ >500MT: Delivery time to be negotiated
 - PAYMENT TERM
 - ❖ L/C or T/T
 - LOADING PORT
 - ❖ ANY PORT OF CHINA
-

PRODUCT DETAILS

PRODUCT NAME

❖ FOUNDRY FORMED COKE [QUADRATE TYPE]

SPECIFICATIONS

Chemical composition

F.C, Min	S, Max	Ash, Max	V.M, Max	Moisture, Max
86 %	0.5 %	12 %	1.5%	5 %

SIZE

❖ 120X120X120mm (foursquare shape)

APPLICATIONS

❖ Used as carbon additives in steelmaking industry

FEATURES

❖ Produced through a compression molding of coking coal, which is a raw material of foundry coke

❖ Produced as a complete substitute for foundry coke

❖ Higher strength than foundry coke

❖ Higher price competitiveness than foundry coke

ORIGIN : CHINA

FOUNDRY FORMED COKE



TRADING TERMS

PACKAGING

- ❖ IN 1MT P.P WOVEN BAG
- ❖ BULK IN CONTAINERS

DELIVERY

- ❖ Delivery time to be negotiated

PAYMENT TERM

- ❖ L/C or T/T

LOADING PORT

- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ GPC (GRAPHITED PETROLEUM COKE)

SPECIFICATIONS

Chemical composition

F.C, Min	S, Max	Ash, Max	V.M, Max	Moisture, Max
98.5 %	0.05 %	0.6 %	0.6 %	0.5 %

SIZE

❖ 0-1mm, 1-4mm, 4-10mm etc

APPLICATIONS

- ❖ Used as carbon additives in iron and steel industry
- ❖ Used as a high-temperature refractory material as well as molding material

FEATURES

- ❖ High content rate for carbon and low content rate of sulfur
- ❖ High recovery rate of carbon reserves

ORIGIN : CHINA

GRAPHITED PETROLEUM COKE



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG (Small packaging is also available)

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ CPC (CALCINED PETROLEUM COKE)

SPECIFICATIONS

Chemical composition

F.C, Min	S, Max	Moisture, Max
98.5 %	0.5 %	1.0 %
98.0 %	1.0 %	

SIZE

❖ 0-1mm, 1-4mm, 4-10mm, 10-30mm etc

APPLICATIONS

❖ Used as carbon additives in iron and steel industry

FEATURES

- ❖ High fixed carbon content and low sulfur content
- ❖ High recovery rate of carbon reserves

ORIGIN : CHINA

CALCINED PETROLEUM COKE



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG (Small packaging is also available)

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ CALCINED ANTHRACITE

SPECIFICATIONS

Chemical composition			
F.C, Min	90 %	92 %	95 %
S, Max		0.3 %	
Moisture, Max		1.0 %	

SIZE

❖ 0-1mm, 1-4mm, 1-5mm, 1-10mm etc

APPLICATIONS

❖ Used as carbon additives in steelmaking and mill industry

FEATURES

❖ High fixed carbon content and low sulfur content
❖ High recovery rate of carbon reserves

ORIGIN : CHINA

CALCINED ANTHRACITE



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG (Small packaging is also available)

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

AMORPHOUS GRAPHITE

(ORIGIN : NORTH KOREA)

PRODUCT DETAILS

PRODUCT NAME

❖ AMORPHOUS GRAPHITE

SPECIFICATIONS

Chemical composition	
F.C, Min	80%
S, Max	0.5%
Moisture, Max	10 %

TYPE & SIZE

- ❖ Granule : 0-10mm, 0-30mm
- ❖ Powder : 200 mesh

FEATURES

- ❖ Competitive price

APPLICATIONS

- ❖ Used as carbon additives in iron and steel industry, foundry and molding

ORIGIN : NORTH KOREA

AMORPHOUS GRAPHITE



TRADING TERMS

PACKAGING

- ❖ IN 1MT P.P WOVEN BAG

DELIVERY

- ❖ Within one month after order made

PAYMENT TERM

- ❖ L/C or T/T

LOADING PORT

- ❖ DALIAN or DANDONG PORT, CHINA

ANTHRACITE BRIQUETTES

PRODUCT DETAILS

PRODUCT NAME

❖ ANTHRACITE BRIQUETTES

SPECIFICATIONS

Chemical composition

F.C, Min	S, Max	V.M, Max	Moisture, Max	Kcal
76 %	0.5 %	5.0 %	2 %	± 6,200
78 %	0.5 %	5.0 %	2 %	± 6,500
80 %	0.5 %	5.0 %	2 %	± 6,700

SIZE

❖ 49 X 52 X 30 mm

APPLICATIONS

❖ Used as a carbon additives in iron and steel industry

FEATURES

❖ High compressive strength : 80-120kg/piece

ORIGIN : CHINA

CARBON ADDITIVES



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ COKE BRIQUETTES

SPECIFICATIONS

❖ Compressed COKE BREEZE in a specially made binder into briquette form

Chemical composition

F.C, Min	S, Max	V.M, Max	Moisture, Max	Kcal
80 %	0.5 %	5.0 %	2 %	± 7,000

SIZE

❖ 50 X 50 X 30 mm

APPLICATIONS

❖ Used as a re-carburizer in iron and steel industry

FEATURES

❖ High fixed carbon content rate

ORIGIN : CHINA

ANTHRACITE BRIQUETTES



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

FERRO ALLOY

- ❖ FERRO SILICON
- ❖ FERRO SILICON WITH LOW SILICON [ORIGIN : NORTH KOREA]
- ❖ FERRO CALCIUM SILICON (CA-SI)
- ❖ FERRO MOLYBDENUM (FE-MO)
- ❖ FERRO VANADIUM (FE-V)
- ❖ FERRO MANGANESE (FE-MN)
- ❖ FERRO TUNGSTEN(FE-W)
- ❖ FERRO CHROME(FE-CR)
- ❖ MANGANESE METAL (MN METAL)
- ❖ MoO_3 (MOLYBDENUM TRIOXIDE)
- ❖ V_2O_5 (VANADIUM PENTOXIDE)
- ❖ ALLOY CORED WIRE
- ❖ NODULIZER (SI-MG)
- ❖ INOCULANT
- ❖ SIC POWDER
- ❖ SIC BALL/BRICKS [DEOXIDIZER FOR IRON AND STEEL]

PRODUCT DETAILS

PRODUCT NAME

❖ FERRO SILICON (Fe-Si)

SPECIFICATIONS

Grade	Chemical composition				
	Si, Min	C, Max	S, Max	P, Max	Al, Max
FeSi #75	75 %	0.2 %	0.02 %	0.04 %	0.1%/0.5% /1.5%/2.0%
FeSi #72	72 %	0.2 %	0.02 %	0.04 %	0.1%/0.5% /1.5%/2.0%

TYPE & SIZE

- ❖ Lump : 10~50mm, 50~100mm etc
- ❖ Powder(for cored wire) : 0~1mm, 0~2mm, 0~3mm etc

APPLICATIONS

- ❖ Used for de-oxidation, desulfurization and modification of steel

FEATURES

- ❖ Stable formulation of contents

ORIGIN : CHINA

FERRO SILICON



TRADING TERMS

PACKAGING

- ❖ IN 1MT P.P WOVEN BAG

DELIVERY

- ❖ Within one month after order made

PAYMENT TERM

- ❖ L/C or T/T

LOADING PORT

- ❖ HAIPHONG PORT, VIETNAM
- ❖ ANY PORT OF CHINA

FERRO SILICON WITH LOW SILICON

(ORIGIN : NORTH KOREA)



PRODUCT DETAILS

PRODUCT NAME

❖ FERRO silicon with low silicon

SPECIFICATIONS

Grade	Chemical composition				
	Si, Min	C, Max	S, Max	P, Max	Al, Max
FeSi #65	65%	0.5%	0.06%	0.03%	5.0%
FeSi #60	60%	0.5%	0.06%	0.03%	5.0%
FeSi #55	55%	0.5%	0.06%	0.03%	5.0%
FeSi #50	50%	0.5%	0.06%	0.03%	5.0%

TYPE & SIZE

❖ Lump : 10~100mm, 90%min

APPLICATIONS

❖ Used for de-oxidation, desulfurization and modification of steel contents

FEATURES

❖ High price competitiveness

ORIGIN : NORTH KOREA

FERRO silicon with low silicon



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ DALIAN OR DANDONG PORT, CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ FERRO CALCIUM SILICON (Ca-Si Alloy)

SPECIFICATIONS

Quality	Grade	Contents, %					
		Ca	Si	Al	C	P	S
High quality	Ca30	30-32	60-61	0.8-1.2	0.3-0.5	≤0.04	0.03-0.05
	Ca28	28-30	60	0.8-1.2	0.3-0.5	≤0.04	0.03-0.05
Mid quality	Ca30	30-31	55-56	≤1.5	0.8-1	≤0.05	≤0.06
	Ca28	28-30	56-57	≤1.5	0.8-1	≤0.05	≤0.06
Low quality	Ca30	30-31	55-56	≤1.5	1-1.2	≤0.05	0.05-0.07
	Ca28	28-30	55-57	≤1.5	1-1.2	≤0.05	0.05-0.07

TYPE & SIZE

- ❖ Lump : 20-60mm, 10-60mm, etc
- ❖ Powder : 0-0.2mm, 0-1mm, 0.2-2mm, 0-2mm, 0-3mm, 1-3mm, etc

APPLICATIONS

- ❖ Deoxidizing and de-sulphurizing agent in steel refining process
- ❖ Modification process of Al₂O₃

Ca-Si Alloy(Lump)



Ca-Si Alloy(Powder)



ORIGIN : CHINA

PRODUCT FEATURE

I High Quality Ca-Si Alloy

- ❖ High content rates of Ca and Si
 - Ca: >30%, Si : >60%
- ❖ Low content rates of C, S and Al
 - C : <0.5% , S : <0.05%, Al: <1.2%

I Medium Quality Ca-Si Alloy

- ❖ High content rate of Ca
 - Ca: >30%
- ❖ Low content rates of C, S and Al
 - C : <1.0% , S : <0.06

I Largest Electric Furnace in Asia

- ❖ Possesses largest electric furnace in Asia to produce high quality Ca-Si alloy at 30,000KVA capacity

I Stable Supply Capability

- ❖ Capacity : 16,000MT/yr
- ❖ Under construction for 2nd and 3rd plants: started construction of 2nd and 3rd plants at each capacity of 30,000KVA as of March 2010, and both plants are scheduled

TRADING TERMS

I PACKAGING

- ❖ IN 1MT P.P WOVEN BAG

I DELIVERY

- ❖ Within one month after order made
- ❖ For large volume, delivery time to be negotiated

I PAYMENT TERM

- ❖ L/C or T/T

I LOADING PORT

- ❖ HONGKONG
- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ FERRO MOLYBDENUM (Fe-Mo)

SPECIFICATIONS

Chemical composition

Mo, Min	Si, Max	C, Max	Cu, Max	S, Max	P, Max
60/65 %	1.50%	0.10 %	0.50%	0.10 %	0.05 %

TYPE & SIZE

❖ Lump : 10~50mm

APPLICATIONS

❖ Used as an additive when producing tool steel and high-speed steel

FEATURES

- ❖ High quality
- ❖ High price competitiveness

ORIGIN : CHINA

FERRO MOLYBDENUM



TRADING TERMS

PACKAGING

❖ IN 250KGS STEEL DRUMS ON PALLETS

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ HONGKONG
❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ FERRO VANADIUM (Fe-V)

SPECIFICATIONS

Chemical composition

V, Min	Si, Max	Al, Max	C, Max	S, Max	P, Max	As, Max
78 %	1.50%	1.50 %	0.30%	0.05 %	0.05 %	0.05 %

TYPE & SIZE

❖ Lump : 10~50mm

APPLICATIONS

❖ Increases a coarsening temperature of AUSTENITE by adjusting grain refinement

FEATURES

- ❖ High quality
- ❖ High price competitiveness

ORIGIN : CHINA

FERRO VANADIUM



TRADING TERMS

PACKAGING

❖ IN 250KGS STEEL DRUMS ON PALLETS

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

- ❖ HONGKONG
- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ FERRO MANGANESE(Fe-Mn)

SPECIFICATIONS

Grade	Chemical composition				
	Mn, Min	C, Max	Si, Max	P, Max	S, Max
Fe-Mn (HC)	73%	7.30%	1.20%	0.40%	0.02%
FeMn (MC)	75%	2.00%	2.00%	0.40%	0.02%

TYPE & SIZE

❖ Lump : 10~50mm

APPLICATIONS

- ❖ De-oxidation for molten steel
- ❖ Enhances physical properties of steel; tensile strength and hot-workability

FEATURES

- ❖ High quality
- ❖ High price competitiveness

ORIGIN : CHINA

FERRO MANGANESE



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

- ❖ HONGKONG
- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ FERRO TUNGSTEN(Fe-W)

SPECIFICATIONS

Chemical composition

W, Min	C, Max	P, Max	S, Max
75%	0.6%	0.05%	0.08%

TYPE & SIZE

❖ Lump : 10~50mm

APPLICATIONS

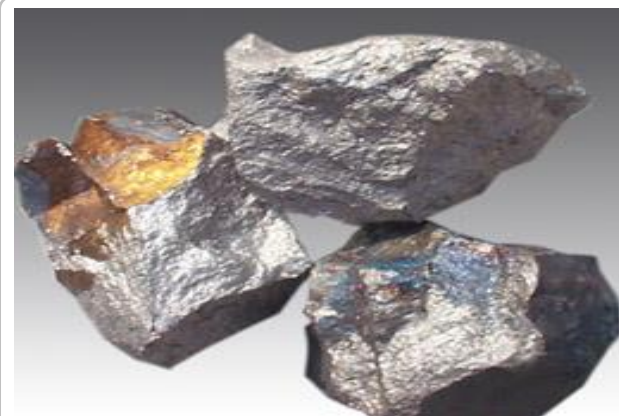
❖ Used in order to enhance strength and wear resistance of steel by adding W into steel

FEATURES

- ❖ High quality
- ❖ High price competitiveness

ORIGIN : CHINA

FERRO TUNGSTEN(Fe-W)



TRADING TERMS

PACKAGING

❖ IN STEEL DRUMS ON PALLETS

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

- ❖ HONGKONG
- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ FERRO CHROME(Fe-Cr)

SPECIFICATIONS

Grade	Chemical composition				
	Cr, Min	C, Max	Si, Max	P, Max	S, Max
Fe-Cr(HC)	65%	0.10%	1.50%	0.05%	0.05%
Fe-Cr (LC)	60%	8.00%	3.00%	0.04%	0.04%

TYPE & SIZE

❖ Lump : 10~50mm

APPLICATIONS

❖ Used when producing stainless steel

FEATURES

- ❖ High quality
- ❖ High price competitiveness

ORIGIN : CHINA

FRRO CHROME



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

- ❖ HONGKONG
- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ MANGANESE METAL (Mn Metal)

SPECIFICATIONS

Chemical composition

Mn, Min	C, Max	P, Max	S, Max	Fe+Se+Si, Max
99.7%	0.04%	0.005%	0.03%	0.205%

TYPE

❖ Flake type

APPLICATIONS

❖ Used when producing stainless steel, high-intensity low-alloy steel, Al-Mn alloy and Cu-Mn alloy

FEATURES

- ❖ High quality
- ❖ High price competitiveness

ORIGIN : CHINA

MANGANESE METAL



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

- ❖ HONGKONG
- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ MoO₃ (Molybdenum trioxide)

SPECIFICATIONS

Chemical composition

Mo, Min	Cu, Max	P, Max	Pb, Max	S, Max	C, Max
57 %	0.50%	0.05 %	0.05%	0.10 %	0.10 %

TYPE & SIZE

❖ Lump : 10~50mm

APPLICATIONS

❖ Used when producing Fe-Mo (ferro-molybdenum) alloy

FEATURES

- ❖ High quality
- ❖ High price competitiveness

ORIGIN : CHINA

Molybdenum trioxide



TRADING TERMS

PACKAGING

❖ IN 250KGS STEEL DRUMS ON PALLETS

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ HONGKONG
❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ V₂O₅ (VANADIUM PENTOXIDE)

SPECIFICATIONS

Chemical composition

V ₂ O ₅ , Min	Si, Max	Fe, Max	S, Max	P, Max	As, Max	Na ₂ O+k ₂ O, Max
98 %	0.25%	0.40 %	0.03%	0.05 %	0.02 %	1.5 %

TYPE & SIZE

- ❖ Flake type : 5X50X50MM
- ❖ Powder type

APPLICATIONS

- ❖ Used when producing Fe-V (ferro-vanadium) alloy

FEATURES

- ❖ High quality
- ❖ High price competitiveness

ORIGIN : CHINA

VANADIUM PENTOXIDE



TRADING TERMS

PACKAGING

- ❖ IN 250KGS STEEL DRUMS ON PALLETS

DELIVERY

- ❖ Within one month after order made

PAYMENT TERM

- ❖ L/C or T/T

LOADING PORT

- ❖ HONGKONG
- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ CORED WIRE

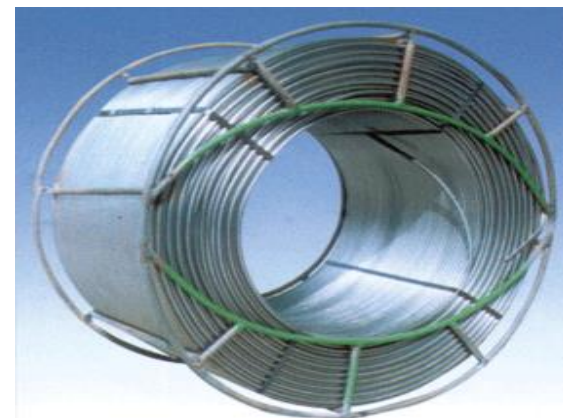
SPECIFICATIONS

Wire Type	Main content, %	Diameter, mm	Thick, mm	Wire weight g/m	Powder weight (g/m)
CaSi	Si : 58~63 Ca: 30~33	13.0	0.4	170	230
CaAl	Ca: 26~30 Al: 13~24	13.0	0.4	170	210
CaFe	Ca: 28~35 Fe:	13.0	0.4	170	215
SiCaBa	Si: 55 Ca: 15 Ba: 15	13.0	0.4	170	220
SiAlBa	Si: 35~40 Al: 12~16 Ba: 9~15	13.0	0.4	170	215
Carbon	C: 98 S: <0.5	13.0	0.35	150	150
Ti Fe	Ti30	13.0	0.4	170	510
SiCaBaAl	Si: 30~45 Ca: 9~14 Ba: 6~12 Al: 12~18	13.0	0.4	170	225

APPLICATIONS

- ❖ Deoxidizing and desulphurizing agent in steel making process
- ❖ Modification process of Al₂O₃

CORED WIRE



TRADING TERMS

PACKAGING

- ❖ Pallet form in Cage packaging

DELIVERY

- ❖ Within one month after order made

PAYMENT TERM

- ❖ L/C or T/T

LOADING PORT

- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ NODULIZER

SPECIFICATIONS(Yttrium based)

GRADE	Mg	Re	Si	Ca	Ba	Sb	Al	Fe
YN-1	6.5-7.5	1.0-2.0	42-44	moderate	moderate	-	<0.8	bal
YN-2	7.5-8.5	2.5-3.5	42-44	moderate	moderate	-	<0.8	bal
YN-3	6.5-7.5	2.0-3.0	42-44	moderate	moderate	moderate	<0.8	bal
YN-4	7.5-8.5	3.0-4.0	42-44	moderate	moderate	moderate	<0.8	bal
YN-5	6.5-7.5	2.0-3.0	42-44	moderate	moderate	moderate	<0.8	bal
YN-6	7.5-8.5	3.0-4.0	42-44	moderate	moderate	moderate	<0.8	bal

SPECIFICATIONS(Cerium based)

GRADE	RE	Ce/Re	Mg	Ca	Si	MgO	Fe
CN-1	1.5-2.0	≥46	5.0-5.5	2.0-3.0	<45.0	<0.6	bal
CN-2	1.5-2.0	≥46	5.0-6.5	2.0-3.0	<45.0	<0.6	bal
CN-3	1.5-2.0	≥46	6.5-7.5	1.5-2.5	<45.0	<0.7	bal
CN-4	1.5-2.0	≥46	7.5-8.5	1.5-2.5	<45.0	<0.7	bal
CN-5	2.5-3.5	≥46	6.5-7.5	1.0-2.0	<45.0	<0.7	bal
CN-6	2.5-3.5	≥46	6.5-7.5	2.5-3.5	<45.0	<0.7	bal
CN-7	2.5-3.5	≥46	7.5-8.5	1.0-2.0	<45.0	<0.8	bal
CN-8	2.5-3.5	≥46	7.5-8.5	2.5-3.5	<45.0	<0.8	bal
CN-9	3.0-4.0	≥46	7.5-8.5	1.0-2.0	<44.0	<0.8	bal
CN-10	4.5-5.5	≥46	7.5-8.5	2.0-3.0	<44.0	<0.8	bal

❖ SIZE: 3-15mm, 5-20mm, 5-35mm, 10-40mm etc

NODULIZER



TRADING TERMS

PACKAGING

❖ Ton-bag

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ HONGKONG
❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ INOCULANT

SPECIFICATIONS

TYPE	Si	Ca	Al	Ba
BiSi	66-72	Moderate	Moderate	-
ReCaBa	66-72	2-4	Moderate	2-4
CaBaSi	66-72	2-4	Moderate	2-4
BaSi	66-72	Moderate	Moderate	4-6
SbSi	66-72	Moderate	Moderate	-
C+BaSi	66-72	Moderate	<1.3	4-6
SrSi	72-74	<0.1	<0.5	-
ZrSi	68-74	≤0.1	<1.6	-

❖ SIZE: 0.2-0.8mm, 1-3mm, 3-6mm, 5-8mm, 6-10mm, 10-20mm
etc

INOCULANT



TRADING TERMS

PACKAGING

❖ Ton-bag

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ HONGKONG
❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ SIC(SILICON CARBIDE) POWDER

SPECIFICATIONS

Item	Contents, Min				
SIC	88%	90%	95%	97%	98%

SIZE

Item	Size
Granule	1-10, 0-5, 0-10mm etc.
Micro powder	20, 24, 30, 80,100, 150, 200, 240, 325, 400mesh etc

APPLICATIONS

- ❖ Deoxidation and re-carburizing for molten iron
- ❖ Refractory materials

FEATURES

- ❖ Low prices, Stable quality

ORIGIN : CHINA

SIC POWDER



TRADING TERMS

PACKAGING

- ❖ IN 1MT P.P WOVEN BAG (Small packaging is also available)

DELIVERY

- ❖ Within one month after order made

PAYMENT TERM

- ❖ L/C or T/T

LOADING PORT

- ❖ ANY PORT OF CHINA

SIC BALL/BRICKS

(DEOXIDIZER FOR IRON AND STEEL)

PRODUCT DETAILS

PRODUCT NAME

❖ SIC BALL / BRICKS (DEOXIDIZER for iron and steel)

SPECIFICATIONS

Item	Contents, %		
	SIC 63	SIC 65	SIC 70
SIC	63% min	65% min	70% min
Total Si	48% min	50% min	52% min
Total Carbon	28% min	25% min	22% min
Fe ₂ O ₃	3% max	3% max	2.5% max
Al ₂ O ₃	5% max	5% max	4% max

TYPE & SIZE

- ❖ BALL : 30 X 50mm(120g)
- ❖ HEXAGON : 100X110X60mm(1.5kg)
- ❖ CYLINDRICAL : 100X120 mm(2kg)
- ❖ SQUARE : 60X60X60mm

APPLICATIONS

- ❖ Used as deoxidizer and carbon additives for iron and steel making
- ❖ Adjusting Si contents

SIC BALL/BRICKS



ORIGIN : CHINA



SIC BALL/BRICKS

(DEOXIDIZER FOR IRON AND STEEL) (CON'T)

PRODUCT FEATURE

- I Substitute for expensive ferro silicon**
 - ❖ Able to adjust contents of silicon and deoxidation

 - I Temperature increase in electric furnace**

 - I High reaction speed**

 - I Reduce melting time**

 - I Maximizing cost reduction**
 - ❖ Oxidation process of SiC increases temperature inside electric furnace, which brings in a reduction effect in terms of electricity use and process time

 - I Increase production volume**
 - ❖ Metal oxide of this product is restored to melted steel during melting process which results in reducing loss rate of molten iron and increasing overall production volume
-

TRADING TERMS

- I PACKAGING**
 - ❖ IN 1MT P.P WOVEN BAG
 - ❖ PALLET

 - I DELIVERY**
 - ❖ Within one month after order made
 - ❖ For large volume, delivery time to be negotiated

 - I PAYMENT TERM**
 - ❖ L/C or T/T

 - I LOADING PORT**
 - ❖ ANY PORT OF CHINA
-

- ❖ **DBM (DEAD BURNED MAGNESITE)**
- ❖ **LIGHT BURNED MAGNESITE**
- ❖ **OLIVINE SAND**
- ❖ **CARBON COATED EBT FILLER SAND**
- ❖ **BROWN FUSED ALUMINA**
- ❖ **WHITE FUSED ALUMINA**
- ❖ **FLUX (CALCIUM ALUMINATE)**
- ❖ **BRUCITE**
- ❖ **QUARTZ SAND**
- ❖ **FLUORSPAR [ORIGIN : CHINA]**
- ❖ **FLUORSPAR [ORIGIN : MONGOLIA]**

PRODUCT DETAILS

PRODUCT NAME

❖ DBM (DEAD BURNED MAGNESITE)

SPECIFICATIONS

Grade	Chemical composition				
	MgO, ≥	SiO ₂ , ≤	CaO, ≤	LOI, ≤	B.D.(g/cm ³), ≥
DBM-92	92%	3.5%	1.5%	0.3%	3.15
DBM-91	91%	4.0%	1.6%	0.3%	3.18
DBM-90	90%	4.5%	1.6%	0.3%	3.17
DBM-89	89%	4.7%	2.0%	0.5%	3.15
DBM-88	88%	4.85	5.05	0.5%	

SIZE

❖ 0-10mm, 1-10mm, 0~3mm, 0~5mm, 1~7mm etc

APPLICATIONS

- ❖ Refractory materials
- ❖ Used in open hearth furnace, electric furnace bottom and furnace's lining tamping

FEATURES

❖ High content rate of MgO and consistent size control for grains

❖ ORIGIN : CHINA, NORTH KOREA

DEAD BURNED MAGNESITE



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ LIGHT BURNED MAGNESITE

SPECIFICATIONS

Grade	Contents, %			
	MgO, Min	SiO ₂ , Max	CaO, Max	LOI, Max
LBM-95	95	1.0	1.5	3.0
LBM-94	94	2.0	2.0	4.0
LBM-92	92	3.0	2.0	5.0
LBM-90	90	4.0	2.0 / 2.5	6.0
LBM-87	87	5.0	2.0 / 3.5	7.0

SIZE

❖ 0-0.3 mm, 0.3-2.0mm, 0-1.5mm etc
❖ 120 mesh-325 mesh etc

APPLICATIONS

❖ Refractory materials

FEATURES

❖ High content rate of MgO and consistent size control of grains

ORIGIN : CHINA

LIGHT BURNED MAGNESITE



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ OLIVINE SAND

SPECIFICATIONS

Chemical composition, %

MgO	SiO ₂	TiO ₂	Cr ₂ O ₃	CaO	Fe ₂ O ₃	Moisture
42-45	40-42	0.01~0.05	0.33~0.5	0.3-0.56	7-9	≤0.5

SIZE

- ❖ 0-25 mm, 0-3 mm, 0-5 mm, 2-5 mm, 1-7 mm, 3-6 mm
- ❖ 35-325mesh

APPLICATIONS

- ❖ Refractory materials and EBT sand etc

FEATURES

- ❖ High content rate of MgO and consistent size control for grains

ORIGIN : CHINA

OLIVINE SAND



TRADING TERMS

PACKAGING

- ❖ IN 1MT P.P WOVEN BAG (Small packaging is also available)

DELIVERY

- ❖ Within one month after order made

PAYMENT TERM

- ❖ L/C or T/T

LOADING PORT

- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ CARBON COATED EBT FILLER SAND

SPECIFICATIONS

Chemical composition

MgO	SiO ₂	Fe ₂ O ₃	C	Moisture
42-45%	40-42%	7-9%	2-3%	≤0.5%

TYPE

- ❖ Carbon black-coated EBT filler sand
- ❖ Flaky graphite-coated EBT filler sand

SIZE : 3-6mm

APPLICATIONS

- ❖ Used as a filler for EBT (Electronic furnace bottom taphole)

FEATURES

- ❖ Perfect substitute for DBM (Dead burned magnesite)
- ❖ A lot higher price competitiveness than DBM

ORIGIN : CHINA

OLIVINE SAND



TRADING TERMS

PACKAGING

- ❖ IN 1MT P.P WOVEN BAG (Small packaging is also available)

DELIVERY

- ❖ Within one month after order made

PAYMENT TERM

- ❖ L/C or T/T

LOADING PORT

- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ BROWN FUSED ALUMINA

SPECIFICATIONS

Grade	Chemical composition, %			
	Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃
BFA-96	96%min	3%max	1%max	0.3%max
BFA-95	95%min	3.2%max	1.2%max	0.5%max
BFA-94	94%min	3.5%max	2%max	1%max
BFA-93	93%min	4%max	2%max	1.5%max

SIZE

- ❖ Granule: 0-1mm, 1-3mm, 3-5mm, 5-8mm etc
- ❖ Fine: 10-80mesh, 90-150mesh, 180-220mesh etc

APPLICATIONS

- ❖ Refractory materials

FEATURES

- ❖ High content rate of Al₂O₃ and consistent size control of grains

ORIGIN : CHINA

BROWN FUSED ALUMINA



TRADING TERMS

PACKAGING

- ❖ IN 1MT P.P WOVEN BAG (Small packaging is also available)

DELIVERY

- ❖ Within one month after order made

PAYMENT TERM

- ❖ L/C or T/T

LOADING PORT

- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ WHITE FUSED ALUMINA

SPECIFICATIONS

Chemical composition, %			
Al ₂ O ₃	Na ₂ O	SiO ₂	Fe ₂ O ₃
99%min	0.45%max	0.15%max	0.1%max

SIZE

❖ Granule: 8-5mm, 5-3mm, 3-1mm, 1-0mm etc
 ❖ Fine: 16#, 20#, 22#, 24#, 36#, 40#, 54#, 60#, 70#, 80#, 90#, 100#, 120# etc

APPLICATIONS

❖ Refractory materials

FEATURES

❖ High content rate of Al₂O₃ and consistent size control of grains

ORIGIN : CHINA

WHITE FUSED ALUMINA



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG (Small packaging is also available)

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

FLUX (CALCIUM ALUMINATE)

PRODUCT DETAILS

PRODUCT NAME

❖ FLUX (CALCIUM ALUMINATE)

SPECIFICATIONS

Grade	Contents, %					
	CaO	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO
A1	48-53 %	38-43 %	5% max	1.8% max	2.8% max	2% max
A2	42-45 %	42-45 %	5% max	2% max	2.8% max	2% max
A3	46-48 %	21-23 %	4% max	2% max	2% max	8-10%
A4	33-35 %	53-55 %	4-6%	2% max	2% max	2% max
A5	25-36 %	50-65 %	6% max	2% max	4% max	2% max

SIZE

❖ 0-50mm, 0-10mm, 1-10mm, 1-20mm etc.

APPLICATIONS

❖ Desulfurization, inclusion collector

ORIGIN : CHINA

CALCIUM ALUMINATE



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ BRUCITE

SPECIFICATIONS

Chemical composition, %

MgO	SiO ₂	CaO	Fe ₂ O ₃	Al ₂ O ₃	P
64-67%	1-3.5%	1-2.5%	0.1-0.5%	0.5% max	0.02-0.05

SIZE

❖ Able to fabricate into a specific size if requested

APPLICATIONS

- ❖ Used as flame retardant filler in plastic industry and paper making industry
- ❖ Used as additive in chemical fertilizer
- ❖ Used as furnace additive in steel-making industry

FEATURES

❖ High purity and consistent size control for grains

ORIGIN : CHINA

BRUCITE



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME
❖ QUARTZ SAND

SPECIFICATIONS

Chemical composition, %

SiO ₂	Fe ₂ O ₃	Whiteness
99.5% Min	0.04% Max	95%
98% Min	0.07-0.08%	95%

SIZE

- ❖ 0-1mm
- ❖ 60mesh, 200mesh, 325mesh etc

APPLICATIONS

- ❖ Glass, Sodium silicate, Paper-making, Paint etc

FEATURES

- ❖ High purity and whiteness and consistent size control for grains

ORIGIN : CHINA

QUARTZ SAND



TRADING TERMS

PACKAGING

- ❖ IN 1MT P.P WOVEN BAG

DELIVERY

- ❖ Within one month after order made

PAYMENT TERM

- ❖ L/C or T/T

LOADING PORT

- ❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ FLUORSPAR (ORIGIN : CHINA)

SPECIFICATIONS

Grade	Chemical composition					
	CaF ₂	SiO ₂	CaCO ₃	S	P	H ₂ O
FS-80	>80%	<9%	<0.05%	<0.1%	<0.6%	<5%
FS-85	>85%	<9%	<0.05%	<0.1%	<0.6%	<5%
FS-92	>92%	<9%	<0.05%	<0.1%	<0.6%	<5%

SIZE

❖ 10-70mm

APPLICATIONS

- ❖ Used in steelmaking industry
- ❖ Used in opalescent glass, enamels etc

FEATURES

❖ High purity and consistent size control for grains

ORIGIN : CHINA

FLUORSPAR



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

PRODUCT DETAILS

PRODUCT NAME

❖ FLUORSPAR (ORIGIN : MONGOLIA)

SPECIFICATIONS

Chemical composition

CaF ₂	97 % min	90 % min	95 % min
SiO ₂	2 % max	9 % max	4 % max
Moisture	1 % max	1% max	1 % max

SIZE

❖ Lump: 10-60mm 90%min, 3-10mm 90%min, 10-60mm 90%min

APPLICATIONS

- ❖ Used in steelmaking industry
- ❖ Used in opalescent glass, enamels etc
- ❖ Used when producing hydrogen fluoride and hydrofluoric acid by reacting the fluorite with sulfuric acid

FEATURES

❖ High purity and consistent size control for grains

ORIGIN : MONGOLIA

FLUORSPAR



TRADING TERMS

PACKAGING

❖ IN 1MT P.P WOVEN BAG

DELIVERY

❖ Within one month after order made

PAYMENT TERM

❖ L/C or T/T

LOADING PORT

❖ ANY PORT OF CHINA

Having interests in partnering with SWJ Global Sourcing, please fill in this page and send us via fax or email. We will provide the quotation as soon as possible. Thanks for your interests in advance

INQUIRY SHEET

- ❖ **Product name:**
- ❖ **Product size:**
- ❖ **Estimated purchasing volume : _____ MT**
- ❖ **Packaging type:**
- ❖ **Shipping method : Container or Bulk**
- ❖ **Price term: (e.g. FOB, CFR or CIF etc)**
- ❖ **Destination port: (in case of CIF or CFR):**
- ❖ **Payment term: (e.g. L/C or T/T)**
- ❖ **Other requirements:**
- ❖ **Your contact information:**