



XI'AN QINLI ALLOY & MATERIAL TECHNOLOGY CO.,LTD

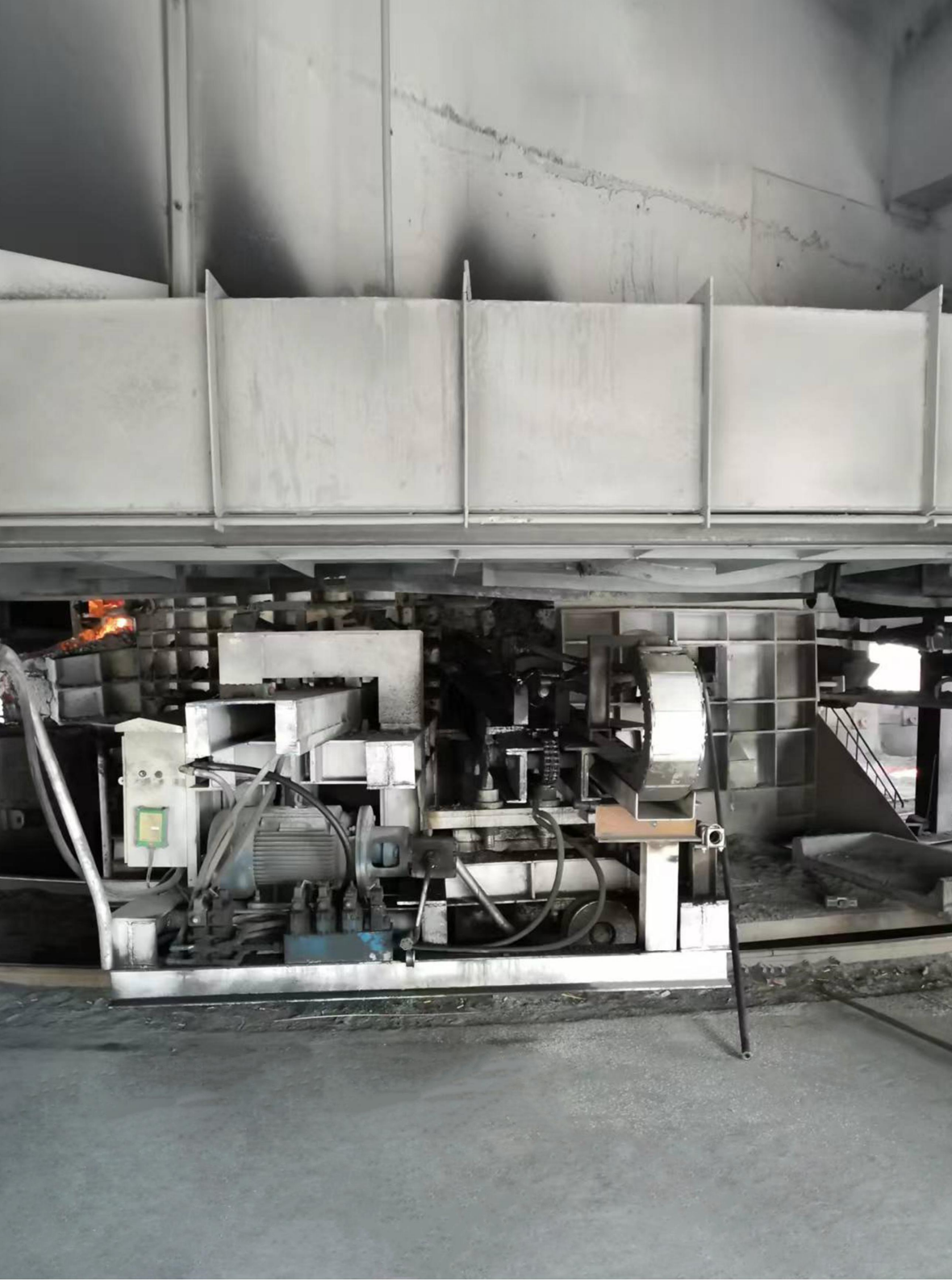
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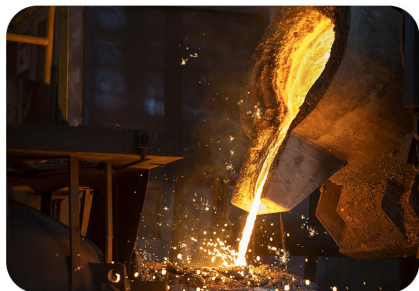


COMPANY PROFILE

QINLI ALLOY & MATERIAL TECHNOLOGY (XI'AN) CO., LTD, LOCATED IN XI'AN, CHINA, IS ENGAGED IN EXPORTING SPECIAL FERROALLOYS ,CASTING MATERIALS, PRODUCING FOUNDRY INOCULANT, NODULARIZER(FESIMG), AND CORED WIRE, AS WELL AS SELLING NOBLE ALLOYS, NON-FERROUS METALS, MAGNETIC MATERIALS AND RARE EARTH PRODUCTS.

SPECIAL FERROALLOYS AND FOUNDRY PRODUCTS MAINLY INCLUDE HIGH GRADE FESIZR, ZR INOCULANT, SILICON ZIRCONIUM MANGANESE, SILICON CALCIUM BARIUM, FERRO SILICON BARIUM, NODULARIZER, QINBLOC, ETC.

NON-FERROUS METALS ARE MAINLY INCLUDE MAGNESIUM, SILICON, STRONTIUM, CALCIUM, COBALT, LANTHANUM CERIUM METAL.



OWN PROFESSIONAL
FACTORY



QUALITY
ASSURANCE



MATURE
PRODUCT

**Enterprise
Competence**



20 YEARS
EXPERIENCE



COMPLETE
CERTIFICATE



SPECIAL SERVICE
AND R&D TEAM

THE INOCULANT AND NODULARIZER ARE MAINLY PRODUCING IN FACTORY WHICH LOCATED IN XI'AN CITY OF CHINA.

THE DETAILS OF FOUNDRY PRODUCTS FACTORY ARE AS FOLLOWS:

FURNACES:

- 1 SET OF 12500KVA ARC FURNACE
- 4 SETS OF 500KG INDUCTION FURNACES
- 1 SET OF 2000KG INDUCTION FURNACE

PRODUCTION&CRASH&PACKING LINE:

- 1 SET AUTOMATIC CRASH LINE OF NODULIZER
- 1 SET AUTOMATIC PACKING LINE
- 2 SETS AUTOMATIC CRASH LINE OF INOCULANT
- 2 SETS OF CORED WIRE PRODUCTION LINES

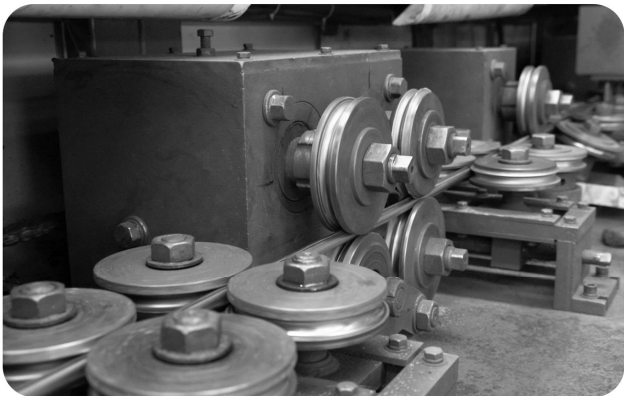
CAPACITY:

- NODULIZER: 10000MT/YEAR
- FERROALLOYS & INOCULANT:20000MT/YEAR

THERE ARE SPECIAL SERVICE AND R&D TEAM SET IN THE COMPANY TO KEEP EXPLORING NEW PRODUCTS, AND MAIN MEMBERS IN THE COMPANY ARE VERY EXPERIENCED AND PROFESSIONAL IN OPERATION IN CASTING INDUSTRY.

WITH STRICT QUALITY CONTROL, DEDICATED PRODUCTION AND PROCESSING, AND STABLE SUPPLY SECURITY, OUR COMPANY SUPPLIES HIGH QUALITY RAW MATERIALS TO MANY HIGH-END CASTING ENTERPRISES AT BOTH HOME AND ABROAD, MAINTAINS A LONG-TERM GOOD RELATIONSHIP WITH CUSTOMERS AND WINS THEIR TRUST AND SUPPORT.

WE SINCERELY LOOK FORWARD TO COLLABORATING WITH YOU AND DEVELOPING TOGETHER TO WIN A BRIGHTER FUTURE.



Introduction to Product Categories

1.FOUNDRY INOCULANTS

Items	Commodity	Chemicals(% ,≥,≤)				
Zirconium Inoculant	FeSiZr	Zr 1-2	Si 70-75	Ca 1-2	Al ≤2	/
		Zr 2-4	Si 65-72	Ca 1-2	Al ≤2	/
		Zr 2-4	Si 65-72	Ca 1-2	Al 3-8	/
	SiMnZr	Zr 3-5	Mn 3-5	Si 62-69	Ca 1-2	Al 1-2
		Zr 5-8	Mn 5-8	Si 62-69	Ca 1-2	Al 1-2
Barium Inoculant	FeSiBa	Zr 0.8-1.2	Sr 0.8-1.2	Si 70-75	Ca ≤0.15	Al ≤0.5
		Ba 2-3	Si 70-75	Ca 1-2	Al 1-2	/
		Ba 4-6	Si 65-75	Ca 1-2	Al 1-2	/
Silicon Strontium Inoculant	FeSiSr	Ba 10-12	Si 60-69	Ca 1-2	Al 1-2	/
		Sr 0.6-1.2	Si 72-78	Ca ≤0.1	Al ≤0.5	/
Silicon Cerium Inoculant	FeSiCe	Ce 1.6-2.5	Si 70-78	Ca 1-2	Al 1-2	/
Graphite Seeds	QL-GSO-008	Ce 1.5-2.0	Si 68-74	Ca 1-2	Al 1-2	S+O

2.FOUNDRY NODULIZERS

Items	Commodity	Chemicals(% ,≥,≤)					
Ferro Silicon Magnesium	QL-FeSiMg	Mg 5-6	Re 1.0-1.5	Si 42-46	Ca 2.2-2.8	Al ≤1.5	MgO ≤1.5
		Mg 5-6	Re 1.5-2.5	Si 42-46	Ca 2.2-2.8	Al ≤1.5	MgO ≤1.5
		Mg 6-7	Re 1.5-2.5	Si 42-46	Ca 2.2-2.8	Al ≤1.5	MgO ≤1.5
Vermiculizer	QLVE-FeSiMg	Mg 2.5-3.5	Re 5.6-6.2	Si 42-46	Ca 1.5-2.5	Al ≤1.5	/
		Mg 3.5-4.5	Re 8.6-9.2	Si 44-48	Ca 1.5-2.5	Al ≤1.5	/
Standard Nodulizers	QLSN-FeSiMg	Mg 5-7	Re 0.5-2	Si 42-48	Ca 1.5-3	Al ≤1	/
		Mg 6-8	Re 2-4	Si 42-48	Ca 2.0-3.5	Al ≤1	/
		Mg 7-9	Re 6-8	Si 42-48	Ca ≤3	Al ≤1	/
		Mg 8-10	Re 8-10	Si 42-48	Ca ≤3	Al ≤1	/

3.CORED WIRE

Items	Commodity	Chemicals(% ,≥,≤)					Dia(mm)
Ferro Silicon Magnesium Cored Wire	FeSiMg 1522	Si 43-48	Mg 14-16	Ca 2-3	Re 2-3	Al ≤1.5	Φ9/Φ13
	FeSiMg 2822	Si 43-48	Mg 27-29	Ca 2-3	Re 2-3	Al ≤1.5	Φ9/Φ13
	FeSiMg 3022	Si 43-48	Mg 29-31	Ca 2-3	Re 2-3	Al ≤1.5	Φ9/Φ13
Silicon Calcium Cored Wire	SiCa	Ca ≥28	Si 55-65	Al ≤1.5	C ≤0.8	/	Φ9/Φ13
		Ca ≥30	Si 55-65	Al ≤1.5	C ≤0.8	/	Φ9/Φ13
Silicon Zirconium Cored Wire	SiZr	Zr ≥30	Si 45-55	Al ≤1.5	C ≤0.8	/	Φ9/Φ13
		Zr ≥35	Si 40-50	Al ≤1.5	C ≤0.8	/	Φ9/Φ13

4.SPECIAL FERRO ALLOYS

Items	Commodity	Chemicals(% ,≥,≤)					
Ferro Silicon Zirconium	FeSiZr	Zr ≥15	Si 55-70	Al ≤1.5	C ≤0.5	S&P ≤0.04	/
		Zr ≥25	Si 45-60	Al ≤1.5	C ≤0.5	S&P ≤0.04	/
		Zr ≥30	Si 45-55	Al ≤1.5	C ≤0.5	S&P ≤0.04	/
		Zr ≥35	Si 40-52	Al ≤1.5	C ≤0.5	S&P ≤0.04	/
Ferro Silicon Barium	FeSiBa	Ba ≥10	Si ≥60	Ca ≤2.5	Al ≤2	S&P ≤0.04	/
		Ba ≥25	Si ≥55	Ca ≤2.5	Al ≤2	S&P ≤0.04	/
		Ba ≥30	Si ≥50	Ca ≤2.5	Al ≤2	S&P ≤0.04	/
Ferro Phosphorus	FeP	P ≥20	Si ≤3	Mn ≤2	C ≤1	S ≤0.5	/
		P ≥23	Si ≤3	Mn ≤2	C ≤1	S ≤0.5	/
		P ≥25	Si ≤3	Mn ≤2	C ≤1	S ≤0.5	/
Rare Earth Ferrosilicon	ReFeSi	Re 27-30	Si 45-55	Ca ≤5	Mn ≤3	Ti ≤3	/
		Re 30-33	Si 45-55	Ca ≤4	Mn ≤3	Ti ≤3	/
Calcium Silicon Barium	CaSiBa	Si ≥55	Ca ≥12	Ba ≥12	Al ≤1.5	C ≤0.5	S&P ≤0.04
		Si ≥55	Ca ≥13	Ba ≥13	Al ≤1.5	C ≤0.5	S&P ≤0.04
		Si ≥55	Ca ≥14	Ba ≥14	Al ≤1.5	C ≤0.5	S&P ≤0.04
Calcium Silicon Manganese	SiCaMn	Si 50-60	Ca 14-20	Mn 14-18	Al ≤1.5	C ≤1	S&P ≤0.04
		Si 50-60	Ca 18-20	Mn 16-20	Al ≤1.5	C ≤1	S&P ≤0.04
Silicon Chromium Alloy	FeSiCr	Cr ≥30	Si ≥42	C ≤0.1	S&P ≤0.03	/	/

5.BULK FERRO ALLOYS

Items	Commodity	Chemicals(% ,≥,≤)				
Ferro Silicon	FeSi	Si ≥45	Al ≤1.5	C ≤0.2	S ≤0.02	P ≤0.04
		Si ≥70	Al ≤1.5	C ≤0.2	S ≤0.02	P ≤0.04
		Si ≥72	Al ≤1.5	C ≤0.2	S ≤0.02	P ≤0.04
		Si ≥75	Al ≤1.5	C ≤0.15	S ≤0.02	P ≤0.04
Calcium Silicon	SiCa	Si ≥55	Ca ≥28	C ≤1	S&P ≤0.04	/
		Si ≥55	Ca ≥30	C ≤1	S&P ≤0.04	/
		Si ≥60	Ca ≥30	C ≤1	S&P ≤0.04	/
LC Ferro Chrome	FeCrC	Cr ≥60	C ≤0.15	Si ≤3	S&P ≤0.05	/
		Cr ≥60	C ≤0.1	Si ≤3	S&P ≤0.05	/
		Cr ≥60	C ≤0.06	Si ≤3	S&P ≤0.05	/
		Cr ≥60	C ≤0.03	Si ≤3	S&P ≤0.05	/
		Cr ≥65	C ≤0.15	Si ≤3	S&P ≤0.05	/
		Cr ≥65	C ≤0.1	Si ≤3	S&P ≤0.05	/
		Cr ≥65	C ≤0.06	Si ≤3	S&P ≤0.05	/
		Cr ≥65	C ≤0.03	Si ≤3	S&P ≤0.05	/

6. NITROGEN SERIES

Items	Commodity	Chemicals(% ,≥,≤)				
Nitrogen Bearing Ferro Silicon	NFeSi	N ≥27	Si ≥47	C ≤0.5	/	
Nitrogen Bearing Ferro Chrome	NFeCr	N 5-7	Cr ≥60	Si ≤1.5	C ≤0.1	
Nitrogen Bearing Ferro Titanium	NFeTi	N ≥15	Ti ≥15	Si ≥22	C ≤4	
Nitrogen Bearing Manganese Metal	NMn	N 4-8	Mn 73-85	Si ≤1.5	C ≤1.5	
Nitrogen Bearing Silicon Manganese	NSiMn	N ≥25	Mn ≥12	Si ≥42	C ≤0.5	
Vanadium Nitrogen Alloy	VN	N 10-14	V 77-81	C ≤10	/	
		N 14-18	V 77-81	C ≤6	/	

7.NOBEL ALLOYS

Items	Commodity	Chemicals(% ,≥,≤)				
Ferro Zirconium	FeZr	Zr ≥60	Si ≤0.15	C ≤0.05	S ≤0.03	P ≤0.04
		Zr ≥80	Si ≤0.15	C ≤0.05	S ≤0.02	P ≤0.01
Ferro Vanadium	FeV	V ≥50	Al ≤1.5	Si ≤2	C ≤0.4	/
		V ≥50	Al ≤2	Si ≤2.5	C ≤0.6	/
		V ≥80	Al ≤1.5	Si ≤1.5	C ≤0.15	/
		V ≥80	Al ≤2	Si ≤1.5	C ≤0.2	/
Ferro Tungsten	FeW	W 75-85	Si ≤0.7	C ≤0.3	S ≤0.07	P ≤0.04
Ferro Molybdenum	FeMo	Mo 60-65	C ≤0.1	Cu≤0.5	S ≤0.1	P ≤0.05
Ferro Titanium	FeTi	Ti ≥65	Al ≤2.5	Si ≤0.5	C ≤0.4	V ≤3
		Ti ≥65	Al ≤6	Si ≤0.5	C ≤0.4	V ≤3
		Ti ≥68	Al ≤2.5	Si ≤0.5	C ≤0.4	V ≤3
		Ti ≥68	Al ≤6	Si ≤0.5	C ≤0.4	V ≤3
		Ti ≥70	Al ≤2.5	Si ≤0.5	C ≤0.4	V ≤3
		Ti ≥70	Al ≤6	Si ≤0.5	C ≤0.4	V ≤3

8.MASTER ALLOYS

Items	Commodity	Chemicals(% ,≥,≤)						
Binary Alloy	VAl Alloy	V 45-55	Fe ≤0.35	Si ≤0.3	C ≤0.15	O ≤0.2	/	/
		V 52-58	Fe ≤0.35	Si ≤0.3	C ≤0.15	O ≤0.2	/	/
		V 62-68	Fe ≤0.35	Si ≤0.3	C ≤0.15	O ≤0.2	/	/
		V 70-80	Fe ≤0.35	Si ≤0.3	C ≤0.15	O ≤0.2	/	/
		V 80-90	Fe ≤0.28	Si ≤0.3	C ≤0.25	O ≤0.2	/	/
	MoAl Alloy	Mo 62-68	Fe ≤0.3	Si ≤0.3	C ≤0.15	O ≤0.15	/	/
		Mo 82-88	Fe ≤0.3	Si ≤0.3	C ≤0.2	O ≤0.2	/	/
	NbAl Alloy	Nb 48-54	Fe ≤0.3	Si ≤0.3	C ≤0.1	O ≤0.15	/	/
		Nb 58-64	Fe ≤0.3	Si ≤0.3	C ≤0.1	O ≤0.15	/	/
		Nb 70-78	Fe ≤0.3	Si ≤0.3	C ≤0.15	O ≤0.2	/	/
		Nb 88-94	Fe ≤0.3	Si ≤0.3	C ≤0.15	O ≤0.2	/	/
		Cr 58-64	Fe ≤0.3	Si ≤0.3	C ≤0.2	O ≤0.2	/	/

	CrAl Alloy	Cr 68-74	Fe ≤0.3	Si ≤0.3	C ≤0.2	O ≤0.2	/	/
	AlFe Alloy	Fe 55-65	Si ≤0.3	C ≤0.3	O ≤0.2	/	/	/
	TaAl Alloy	Ta 58-62	Fe ≤0.3	Si ≤0.3	C ≤0.15	O ≤0.15	/	/
	TiSi Alloy	Ti 45-55	Si ≤0.3	C ≤0.3	O ≤0.2	/	/	/
	TiFe Alloy	Fe 68-72	Si ≤0.3	C ≤0.3	O ≤1.2	/	/	/
	NiMo Alloy	Ni 68-72	Mo 28-32	Fe ≤0.3	Si ≤0.3	C ≤0.15	O ≤0.2	/
	NiW Alloy	Ni 56-62	W 38-44	Fe ≤0.3	Si ≤0.3	C ≤0.15	O ≤0.2	/
Ternary Alloy	MoVAl Alloy	Mo 13-17	V 13-17	Fe ≤0.4	Si ≤0.3	C ≤0.1	O ≤0.1	/
		Mo 39-41	V 39-41	Fe ≤0.4	Si ≤0.3	C ≤0.1	O ≤0.1	/
		Mo 43-47	V 33-37	Fe ≤0.4	Si ≤0.3	C ≤0.1	O ≤0.1	/
	AlNbTa Alloy	Nb 5-9	Ta 43-47	Fe ≤0.3	Si ≤0.3	C ≤0.15	O ≤0.15	/
		Nb 12-18	Ta 28-32	Fe ≤0.3	Si ≤0.3	C ≤0.15	O ≤0.15	/
	VCrAl Alloy	V 46-50	Cr 39-43	Fe ≤0.3	Si ≤0.3	C ≤0.1	O ≤0.15	/
	VAlFe Alloy	V 67-72	Al 17-21	Fe 10-14	Si ≤0.3	C ≤0.1	O ≤0.15	/
	NbAlTi Alloy	Ti 2-6	Nb 83-88	Al 9-13	Fe ≤0.3	Si ≤0.3	C ≤0.1	O ≤0.25
Quarternary Alloy	AlMoZr Alloy	Mo 68-72	Zr 20-24	Al 6-10	Fe ≤0.3	Si ≤0.3	C ≤0.25	O ≤0.25
	MoAlSi Alloy	Mo 40-44	Si 2-6	Fe ≤0.3	C ≤0.25	O ≤0.25	/	/
	AlMoWTi Alloy	Mo 7-11	W 56-60	Ti 1-5	Fe ≤0.3	Si ≤0.3	C ≤0.1	O ≤0.2
		Mo28-32	W 16-20	Ti 6-10	Fe ≤0.3	Si ≤0.3	C ≤0.1	O ≤0.2
	MoVAlFe Alloy	Mo 16-20	V 24-28	Fe 16-20	Si ≤0.3	C ≤0.1	O ≤0.2	/
		Mo 46-50	V 33-37	Fe 3-7	Si ≤0.3	C ≤0.1	O ≤0.2	/
	MoVAlCr Alloy	Mo 23-26	V 23-26	Cr 26-30	Si ≤0.3	C ≤0.1	O ≤0.2	/
	VAlSnCr Alloy	V 61-65	Sn 10-14	Cr 10-14	Fe ≤0.3	Si ≤0.3	C ≤0.1	O ≤0.15
Quinary Alloy	MoAlZrSi Alloy	Mo 38-42	Zr 14-18	Si 3-7	Fe ≤0.3	C ≤0.25	O ≤0.25	/
	MoAlSnSi Alloy	Mo 26-30	Sn 16-20	Si 1-5	Fe ≤0.3	C ≤0.25	O ≤0.25	/
	MoNbAlTi Alloy	Mo 51-55	Ti 8-12	Nb 9-13	Fe ≤0.3	Si ≤0.3	C ≤0.25	O ≤0.25
	VAlSnCuFe Alloy	V 38-42	Sn 12-16	Cu 4-8	Fe 4-8	Si ≤0.35	C ≤0.2	O ≤0.3
	MoVAlCrFe Alloy	Mo 31-35	V 31-35	Cr 4-8	Fe 4-8	Si ≤0.3	C ≤0.1	O ≤0.2

9.METALS

Items	Commodity	Chemicals(% ,≥,≤)						
Mg Metal/Powder	/	Mg ≥99.9						
Titanium Sponge	Ti-0A	Ti ≥99.8	Fe ≤0.03	Si≤0.01	Cl ≤0.06	C ≤0.01	N ≤0.01	O ≤0.05
	Ti-0	Ti ≥99.7	Fe ≤0.04	Si ≤0.01	Cl ≤0.06	C≤0.02	N ≤0.01	O ≤0.06
	Ti-1	Ti ≥99.6	Fe ≤0.07	Si ≤0.02	Cl ≤0.08	C ≤0.02	N ≤0.02	O ≤0.08
	Ti-2	Ti ≥99.4	Fe ≤0.1	Si ≤0.02	Cl ≤0.10	C ≤0.03	N ≤0.03	O ≤0.1
	Ti-3	Ti ≥99.3	Fe ≤0.2	Si ≤0.03	Cl ≤0.15	C ≤0.03	N ≤0.04	O ≤0.15
	Ti-4	Ti ≥99.1	Fe ≤0.3	Si ≤0.04	Cl ≤0.15	C ≤0.04	N ≤0.05	O ≤0.2
	Ti-5	Ti ≥98.5	Fe ≤0.4	Si ≤0.06	Cl ≤0.30	C ≤0.05	N ≤0.1	O ≤0.3

METALS

Rare earth Metal	Misch Metal	Re ≥99 (La30-35, Ce60-65)				
	Ce Metal	Ce ≥99				
	La Metal	La ≥99				
Silicon Metal	Si metal 553	Si ≥98.5	Fe ≤0.5	Al ≤0.5	Ca ≤0.3	/
	Si metal 441	Si ≥99	Fe ≤0.4	Al ≤0.4	Ca ≤0.1	/
	Si metal 3303	Si ≥99	Fe ≤0.3	Al ≤0.3	Ca ≤0.03	/
	Si metal 2202	Si ≥99	Fe ≤0.2	Al ≤0.2	Ca ≤0.02	/
Eletronic Mn Metal	Mn Flakes	Mn ≥99.9				
	Mn Lumps	Mn ≥99.9				
Chromium Metal	Cr Metal	Cr ≥99.2				
		Cr ≥99				
		Cr ≥98.5				
		Cr ≥98				
Calcium Metal	Ca Metal	Ca ≥99				

QINBLOC

QINBLOC IS AVAILABLE IN A NUMBER OF DIFFERENT ANALYTICAL GRADES, SPECIFICALLY FORMULATED FOR BOTH GREY AND DUCTILE IRON APPLICATIONS. QINBLOC IS PRODUCED BY A UNIQUE POWDER METALLURGICAL METHOD, GIVING VERY ACCURATED IMENSIONS AND WEIGHTS, WHICH ALSO ENABLES BOTH CYLINDRICAL AND TAPER SHAPES TO BEPRODUCED FROM 5GM TO 500GM. WHICHEVER QINBLOC IS SELECTED, THE WEIGHT AND SHAPE IS TIGHTLY CONTROLLED.

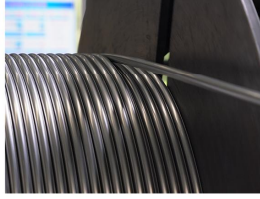
IN LARGE CASTINGS OR THICK AND LARGE SECTION CASTINGS, THE USE OF QINBLOC CAN EFFECTIVELY REDUCE THE COST AND SLOW DOWN THE DECLINE, WHICH CAN BE CONDUCTIVE TO EUTECTIC NUCLEATION, INCREASE THE NUMBER OF EUTECTIC CLUSTERS, AND UNIFORMLY REDUCE THE SHRINKAGE IN THE CASTING BY EVENLY DISTRIBUTING A-TYPE GRAPHITE, THEREBY IMPROVING THE MECHANICAL PROPERTIES AND MACHINING PROPERTIES IN THE CASTINGS.

Commodity	Chemicals(% ,≥,≤)			
Qinbloc-1	Si≥70%	Ca0.5-1.5%	Al3.5-4.5%	/
Qinbloc-2	Si≥70%	Ca0.5-1.5%	Al0.5-1.5%	Mn3.5-4.5%

Commodity	TYPES	WEIGHT(G)	TYPES	WEIGHT(G)
Qinbloc	20g	19-21	300g	209-301
Qinbloc	40g	39-41	800g	790-810
Qinbloc	60g	59-61	1kg	990-1010
Qinbloc	80g	79-81	2kg	1990-2010
Qinbloc	100g	109-111	3kg	2990-3010
Qinbloc	150g	149-151	5kg	4990-5010



FACTORY PROFILE



QINLI ALLOY HAS SPECIAL SERVICES AND R&D TEAMS TO CONTINUOUSLY EXPLORE NEW PRODUCTS.

QINLI ALLOY HAS SPECIALIZED IN PRODUCTION FOR MANY YEARS, WITH RICH EXPERIENCE AND HIGH QUALITY.

WELCOME TO CONTACT US FOR BUSINESS NEGOTIATION AT ANY TIME.



WALL OF HONOR

