

SPECIFICATION OF FERRO ALLOYS PRODUCTS

SILICO MANGANESE

GRADE	Mn (%)	Si (%)	C (%)	P (%)	S (%)
SILICO MANGANESE	60 Min	14 Min	2.5	0.35 Max	0.04 Max
	65 Min	16 Min	2.5	0.35 Max	0.04 max

FERRO SILICON

GRADE	Si (%)	C (%)	P (%)	S (%)	Al (%)
FERRO SILICON	65 Min	0.15 Max	0.05 Max	0.05 Max	1.50 Max
	70 Min	0.15 Max	0.05 Max	0.05 Max	1.50 Max

FERRO MANGANESE

GRADE	Mn (%)	Si (%)	C (%)	P (%)	S (%)
H.C. FERRO MANGANESE	70 Min	1.5 Max	6-8	0.35 Max	0.04 Max
	75 Min	1.5 Max	6-8	0.35 Max	0.04 Max

FERRO VANADIUM

PHYSICAL PROPERTIES		CHEMICAL PROPERTIES	
PRODUCT SIZE (MM):	10- 50	VANADIUM:	70-82 %
		SILICON:	1.50% MAX.
		CARBON:	0.25%
		ALUMINIUM:	1.50% MAX.
		SULPHUR:	0.10%
		PHOSPHOROUS:	0.06%

FERRO TUNGSTEN

CHEMICAL PROPERTIES	
W:	75-85%
P AND S:	0.05% MAX.
Si:	1.5% MAX.

FERRO NICKEL

CHEMICAL PROPERTIES	
Ni:	50%

H.C.FERRO CHROME

PHYSICAL PROPERTIES		CHEMICAL PROPERTIES	
PRODUCT SIZE(MM):	10-150 90% MIN	Cr:	60% MIN
		Si:	3.5% MAX
		C:	8.25% MAX
		P:	0.04%MAX
		S:	0.05% MAX