



ALPHA STEEL FACTORY FOR MELTING IRON

Chemical Composition

Elements	minimum percentage	maximum percentage
Fe %	98	-
C %	0.18	0.22
Mn %	0.80	-
Si %	0.25	-
S %	-	0.03
P %	-	0.03
Cr %	0.12	0.35
Ni %	0.09	0.25
Mn/C	3.5	4

Billet specification:

- 1- Billet length 3190mm.
- 2- Billet cross section 120mm * 120mm.
- 3- Billet must be in good shape without pin, hole or crack.
- 4- Writing heat number on each billet.
- 5- Each shipment must send chemical composition certificate with it.
- 6- Both head of billet must be straight cutting.
- 7- Steel bar test according to (ASTM A615 grade 60) and (IOS 6935).
- 8- Each billet will be check in Alpha Steel Laboratory after receive shipment in case any difference in composition supplier will take responsibility.