



FeTi



Ferro Titanium

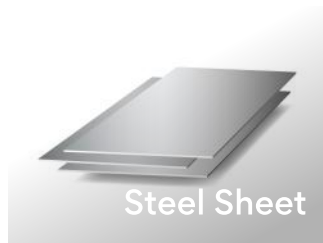
Ferro Titanium comes from aluminothermic reduction or melted in the induction furnace method. It is produced using titanium scrap and low carbon iron scrap.

Steel manufacturing plants make use of ferrotitanium alloy as stabilizers for the prevention of formation of chromium carbide at the grain boundaries. This can improve malleability in carbon steels, thereby increasing its versatility. It also serves the manufacture of low carbon steel for producing steel sheets.

Foundries use Ferro titanium for the fusing the molten metal with titanium to impart excellent strength and quality to it without interfering with other ratios.

Applications

Some of Ferro Titanium alloy's applications are found in steel industries



Product Specifications

Ferro Titanium	Option 1	Option 2-Low C
Titanium (Ti)	65-75%	68-75%
Aluminium (Al)	5% Max	5% Max
Silicon (Si)	0.5% Max	0.5% Max
Carbon (C)	0.15% Max	0.18% Max
Phosphorus (P)	0.05% Max	--
Nitrogen (N)	0.05%	--
Sulphur (S)	--	--
Velocity (V)	--	3% Max
Size	10-50mm	10-50mm

Ferro Titanium	Option 3-Low C	Option 4-Low Al
Titanium (Ti)	68-75% Min	70% Min
Aluminium (Al)	5% Max	1%/2.5% Max
Silicon (Si)	6% Max	3% Max
Carbon (C)	0.18% Max	0.1% Max
Phosphorus (P)	--	0.05% Max
Nitrogen (N)	--	--
Sulphur (S)	--	0.05% Max
Velocity (V)	--	--
Size	10-50mm	10-50mm