

TDS: FERRO SILICO MANGANESE


Applications:

Ferro Alloys are responsible for providing unique qualities in steel and cast iron, and serve a critical function during Iron and steel production cycles. Ferro Silico Manganese acts as a de-oxidizing agent and also prevents loss of carbon from molten steel.

Product Features:

- True to their compositions
 - Sustains stability
- Free from all extraneous materials, toxins & dioxins
 - Preserves purity

Specifications:

CHEMICAL DETAILS						
ASPECTS	FACTS					
General Product Name	Ferro Silico Manganese					
Synonyms/Other Names	Silico Manganese					
HS Code	72023000					
CAS Number	12743-28-1					
Form	Solid / Lumps					
						
PHYSICAL DETAILS						
ASPECTS	FACTS				TEST METHODS	
Appearance	Lumps, steel gray color				Visual	
Size	10-60 / 10-100 / 25-150					
Packing	50kg sacks / bulk / jumbo bags					
GRADE	CHEMICAL COMPOSITION %					TEST METHODS
	Mn	C	Si	P	S	Potentiometric titration-Volhards
Si12Mn50	50-55	2.50-2.75	12-14	0.40	0.03	ASTM/A701 M -10
Si14Mn60	60-65	2.25-2.50	14-16	0.35	0.03	ASTM/A701 M -10
Si15Mn60	60-65	2.25-2.50	15-16	0.35	0.03	ASTM/A701 M -10
Si17Mn65	65-70	1.5-2.0	17-20	0.30	0.03	ASTM/A701 M -10
Si17Mn63LP	63-65	1.5-2.0	17-20	0.15	0.03	ASTM/A701 M -10
Si17Mn67LP	67-70	1.5-2.0	17-20	0.15	0.03	ASTM/A701 M -10

NOTE: We also manufacture as per customer specifications.

Credentials:

- Bagging export excellence awards for highest exports of ferro alloys in the Western region every year since inception of the company.
- ISO accredited company since inception.
- Government of India recognized "Export House" status holding company.

Disclaimer:

Vidhi Minerals & Alloys Pvt. Ltd.

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R&D FESIMN VER 03 – 2012