

Customer: MMC Std profiles

Product: Electrolytic Manganese

Customer Code: MMC006

Grade: LH Flake

Agent: None

Grade ID: 01

Specifications

Element	Max	Min	Tolerance	Typical	
* S	0.04	-	0.004	0.03	%
* C	0.010	-	0.004	0.001	%
* H	0.0008	-	0	0.0005	%
O	0.4	-	0.04	0.2	%
N	0.03	-	0.004	0.01	%
Fe	0.010	-	0.0004	0.001	%
Pb	0.0010	-	0	0.0005	%
+ Mn	-	99.7	0	99.7	%
x Mn(Met)	-	99.9	0	99.9	%
P	0.005	-	0	0.001	%
Si	0.010	-	0	0.001	%
Al	0.0100	-	0	0.0003	%
Cr	0.0100	-	0	<0.0005	%
Cu	0.0100	-	0	0.0003	%
As	0.0005	-	0	<0.0001	%
Bi	0.0005	-	0	<0.0001	%
Cd	0.0010	-	0	<0.0001	%
Co	0.0010	-	0	<0.0005	%
Ni	0.0005	-	0	<0.0005	%
Se	-	-	-	<0.0001	%
Sn	0.0050	-	0	<0.0001	%
V	0.0004	-	0	<0.0001	%

* Analysis per consignment.

x Metallic Manganese calculated excluding non-metallic

+ Total Manganese on a total weight basis.

Packing:

Bulk bottom discharge bags each 1000kg

Instructions:

Packaging options:

- 500kg Steel drums on pallets
- 1000kg or 1361kg in bulkbags on pallets
- 25kg paperbags spiral wrapped on a pallet (1000kg)
- 50lb (22.68kg) paperbags spiralwrapped on pallets (1361kg)
- 3000 lb Bulk bags
- 500lb in drums on pallets

Special Req:

Electronic approval of this specification has been obtained from the Chief Chemist, Production Superintendent(s) and Marketing Manager. A hardcopy of this specification is kept in the Marketing files.