

Customer: MMC Std profiles

Product: Electrolytic Manganese

Customer Code: MMC006

Grade: UP-40+325 mesh

Agent: None

Grade ID: 05

Specifications

Element	Max	Min	Tolerance	Typical	
* S	0.05	-	0.004	0.04	%
* C	0.050	-	0.004	0.001	%
* H	0.004	-	0	-	%
* O	0.5	-	0.04	0.4	%
* N	0.05	-	0.004	0.03	%
* Fe	0.100	-	0.004	0.002	%
Pb	0.0100	-	0	0.0005	%
+ Mn	-	99.7	0	99.7	%
As	0.0100	-	0	<0.0001	%
P	0.010	-	0	0.001	%
Se	0.0010	-	0	<0.0001	%
Si	0.050	-	0	0.001	%
x Mn(Met)	-	99.9	0	99.9	%

Grading Specification

Aperture	ASTM No	Max	Min	Tolerance
0.6000	+ 30	-	-	-
0.4250	+ 40	2.0	-	0.4
0.2500	+ 60	-	-	-
0.1800	+ 80	-	-	-
0.1500	+ 100	-	-	-
0.1060	+ 140	-	-	-
0.0750	+ 200	-	80.0	0.0
0.0450	+ 325	-	85.0	0.4

* Analysis per consignment.

x Metallic Manganese calculated excluding non-metallic

+ Total Manganese on a total weight basis.

Packing:

Plain bottom bags each 1000kg with glued-in liners on pallets (1 bag per pallet)

Instructions:

Packaging options:

- 500kg Steel drums on pallets
- 1000kg in bulkbags on pallets
- 1361kg in bulkbags on pallets
- 25kg paperbags spiral wrapped on a pallet (1000kg)
- 25kg paperbags packed in a 2000kg wooden box
- 22.68kg paperbags spiralwrapped on pallets (1361kg)

Special Req:

This product is manufactured using a selenium free process.

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.