

Customer: MMC Std profiles

Customer Code: MMC006

Agent: None

Product: Electrolytic Manganese

Grade: UP-40 mesh

Grade ID: 04

Specifications

Element	Max	Min	Tolerance	Typical	
* S	0.05	-	0.004	-	%
* C	0.010	-	0.004	-	%
* H ₂	0.004	-	0	-	%
* O	0.5	-	0.04	-	%
* N	0.050	-	0.004	-	%
* Fe	0.060	-	0.004	0.016	%
Pb	-	-	-	0.001	%
+ Mn	-	99.0	0	99.2	%
X Mn(Met)	99.9	99.9	0	99.9	%
P	-	-	-	0.0005	%
Si	-	-	-	0.005	%

* Analysis per consignment.

x Metallic Manganese calculated excluding non-metallic

+ Total Manganese on a total weight basis.

Grading Specification

Aperture	ASTM No	Max	Min	Tolerance
0.6000	+ 30	0.0	-	0.0
0.4250	+ 40	2.0	-	0.4
0.2500	+ 60	-	-	-
0.1800	+ 80	-	-	-
0.1500	+ 100	-	-	-
0.1060	+ 140	-	-	-
0.0750	+ 200	-	-	-
0.0450	+ 325	-	75.0	0.0

Packing:

Bulk bottom discharge bags each 1000kg on pallets (2 bags 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.