

**Customer:** MMC Std profiles

**Product:** Electrolytic Manganese

**Customer Code:** MMC006

**Grade:** LO Flake

**Agent:** None

**Grade ID:** 40

**Specifications**

Element	Max	Min	Tolerance	Typical	
* S	0.040	-	0.004	-	%
* C	0.010	-	0.004	-	%
* H	0.03	-	0	-	%
* O	0.15	-	0	0.15	%
* N	0.030	-	0	0.002	%
Fe	0.002	-	0	0.001	%
+ Mn	-	99.6	0	-	%
x Mn(Met)	99.9	99.9	0	99.9	%
P	0.0020	-	0	0.0005	%
Se	0.0005	-	0	<0.0001	%
Si	0.010	-	0	0.002	%

\* Analysis per consignment.

x Metallic Manganese calculated excluding non-metallic

+ Total Manganese on a total weight basis.

**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

**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.**