

GLOMAG[®] R-MCA SERIES

OF MAGNESIUM FERROSILICON ALLOYS

GLOMAG R-MCA alloys, made with balanced rare earths, are characterized by higher-than-standard calcium levels of 1.00-3.00%. The advantages of this formulation include:

1. Reaction volatility is greatly reduced.
2. Alloy addition level is typically 10 – 15% less than standard alloys with similar magnesium and rare earth levels.
3. Lower alloy addition facilitates the use of higher base silicon (more returns in charge) and ability to thoroughly post inoculate metal.
4. Improved nodularity and nodule count.
5. Reduced magnesium fade rate.

CHEMICAL COMPOSITION:

Silicon	40 – 49%
Magnesium	4.00 – 9.50%
Calcium	1.00 – 3.00%
TRE	0.60 – 2.00%
Aluminum	0.50 – 1.20%

SIZING:

New Cast	Large Sandwich & Tundish Ladles;
(Size Agreed w/Customer)	Plunging Process; Porous Plug
1-1/4" x 1/4"	Large Sandwich & Tundish Ladles;
	Plunging Process; Porous Plug
3/4 x 10 mesh	Medium Sandwich & Tundish Ladles
5/8" x 18 mesh	All Sandwich & Tundish Ladle Sizes
	FLOTRET & SIGMAT Processes

FREQUENTLY SPECIFIED ALLOYS:

GLOMAG R5-MCA, GLOMAG R6-MCA

PACKAGING:

500 lb. steel drum
2 - 3,000 lb. super sack or wooden box
Customer specific packaging where required.

MATERIAL SAFETY DATA SHEET:

Available to Globe customers. Please ask your sales representative.

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