

## FERRO SILICON MAGNESIUM

GRADE	Si (%)	Mg (%)	TRE (%)	Ca (%)	Al (%)
SNAM MG <sup>®</sup> 3511	43 - 48	3.4 - 3.6	1.5 - 1.8	1.25 - 1.75	1 MAX
SNAM MG <sup>®</sup> 4001L	43 - 48	3.75 - 4.25	0.3 - 0.65	0.9 - 1.2	1 MAX
SNAM MG <sup>®</sup> 4512	43 - 48	4.2 - 4.5	1.1 - 1.3	1.8 - 2.0	1 MAX
SNAM MG <sup>®</sup> 5002	43 - 48	4.5 - 5.5	NIL	1.8 - 2.6	1 MAX
SNAM MG <sup>®</sup> 5012	43 - 48	4.7 - 5.0	1.1 - 1.3	1.8 - 2.0	1 MAX
SNAM MG <sup>®</sup> 5022	43 - 48	4.8 - 5.2	1.5 - 2.0	1.5 - 2.0	1 MAX
SNAM MG <sup>®</sup> 5522	43 - 48	5.0 - 5.5	1.5 - 2.0	1.8 - 2.2	1 MAX
SNAM MG <sup>®</sup> 5511L	43 - 48	5.3 - 5.6	0.8 - 1.2	1.25 - 1.75	1 MAX
SNAM MG <sup>®</sup> 5511	43 - 48	5.3 - 5.6	1.5 - 1.8	1.25 - 1.75	1 MAX
SNAM MG <sup>®</sup> 6012	43 - 48	5.5 - 6.0	0.8 - 1.2	1.5 - 2.0	1 MAX
SNAM MG <sup>®</sup> 5911	43 - 48	5.5 - 6.2	0.8 - 1.2	0.8 - 1.2	1 MAX
SNAM MG <sup>®</sup> 5911L	43 - 48	5.5 - 6.2	0.4 - 0.7	0.8 - 1.2	1 MAX
SNAM MG <sup>®</sup> 6001	43 - 48	5.5 - 6.5	NIL	1.0 - 1.4	1 MAX
SNAM MG <sup>®</sup> 6022	43 - 48	5.5 - 6.5	1.6 - 2.4	1.6 - 2.4	1 MAX
SNAM MG <sup>®</sup> 5912	43 - 48	5.6 - 6.3	0.6 - 1.0	1.5 - 2.0	1 MAX
SNAM MG <sup>®</sup> 6312	43 - 48	6.0 - 6.5	1.0 - 1.2	2.0 - 2.5	1 MAX
SNAM MG <sup>®</sup> 6813L	43 - 48	6.5 - 7.0	0.4 - 0.6	3.0 - 3.5	1 MAX
SNAM MG <sup>®</sup> 6813	43 - 48	6.5 - 7.0	0.8 - 1.2	2.5 - 3.0	1 MAX
SNAM MG <sup>®</sup> 7013	43 - 48	6.5 - 7.5	0.8 - 1.2	2.5 - 3.0	1 MAX
SNAM MG <sup>®</sup> 7012	43 - 48	6.5 - 7.5	0.8 - 1.2	2.0 - 2.5	1 MAX
SNAM MG <sup>®</sup> 6811L	43 - 48	6.5 - 7.0	0.4 - 0.6	0.8 - 1.2	1 MAX
SNAM MG <sup>®</sup> 6811	43 - 48	6.5 - 7.0	0.8 - 1.2	0.8 - 1.2	1 MAX
SNAM MG <sup>®</sup> 6822	43 - 48	6.5 - 7.0	2.0 - 2.2	2.0 - 2.2	1 MAX
SNAM MG <sup>®</sup> 7502	43 - 48	7.0 - 8.0	0.35 MAX	1.8 - 2.0	1 MAX
SNAM MG <sup>®</sup> 9011	43 - 48	8.0 - 10.0	0.8 - 1.2	0.8 - 1.2	1 MAX
SNAM MG <sup>®</sup> 9013	43 - 48	8.0 - 10.0	0.8 - 1.2	3.0 - 3.2	1 MAX
SNAM MG <sup>®</sup> 8522	43 - 48	8.0 - 9.0	2.0 - 2.2	2.0 - 2.2	1 MAX
SNAM MG <sup>®</sup> 8533	43 - 48	8.0 - 9.0	3.0 - 3.5	3.0 - 3.5	1 MAX
SNAM MG <sup>®</sup> 8512	43 - 48	8.0 - 9.0	1.5 - 1.75	2.0 - 2.2	1 MAX
SNAM MG <sup>®</sup> 9501	43 - 48	9.0 - 10.0	NIL	0.8 - 1.2	1 MAX
SNAM MG <sup>®</sup> 1011	43 - 48	9.0 - 11.0	0.8 - 1.2	0.8 - 1.5	1 MAX
SNAM MG <sup>®</sup> 1033	43 - 48	10.0 - 11.0	3.0 - 3.5	3.0 - 3.5	1 MAX
SNAM MG <sup>®</sup> 1044	43 - 48	10.0 - 11.0	3.0 - 4.0	3.0 - 4.0	1 MAX
SNAM MG <sup>®</sup> CGMG	43 - 48	5.5 - 6.5	5.0 - 6.0	1.75 - 2.25	1 MAX
SNAM MG <sup>®</sup> LAMG	43 - 48	5.0 - 6.0	La : 0.5 - 0.75	0.8 - 1.2	1 MAX
SNAM MG <sup>®</sup> LAMG3	43 - 48	5.5 - 6.15	La : 0.35 - 0.55	2.8 - 3.3	0.4-1 MAX

**Note :** Ferro Silicon Magnesium Alloy with other specifications may also be supplied.

**Standard Sizes :** 2-20mm, 2-25mm, 5-15mm, 5-20mm, 5-25mm, 10-25mm, 10-35mm, 15-25mm, 2-10mm & 1-6mm.

Can also be supplied according to customer's requirement.

**Standard Packing :** 25 kgs Bags, 50 kgs Bags, 100 kgs Bags, 250 kgs Bags, 500 kgs Bags, 1000 kgs Bags, 100 kgs Drums & 250 kgs Drums.

Can also supply according to customer's requirement.

Snam Alloys produces high quality nodulising agents which are Ferro Silicon based alloys with magnesium and other active ingredients. They find wide applications in the production of SG Iron and speciality grey iron castings for automobile industry. The use of these nodulising alloys provides a number of distinct advantages in the nodularisation of ductile iron. These include.

- Higher quality castings through maximum nucleation and improved graphic nodularity
- Fewer as-cast carbides in thin section castings for improved machinability and reduced heat treatment costs.
- Precise control of rare earth levels with a single alloy addition.
- Higher levels of ferrite and lower hardness for a given composition and section size.
- Greater tolerance to slightly higher levels of pearlite promoting residual elements

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