



**NAGPUR PYROLUSITE PVT. LTD**  
www.nagpurpyrolusite.com



## NiMg ALLOYS

### Nickel Magnesium Nodularizer

For Ferrous Foundries & Steel Roll Manufacturers

STANDARD GRADES	NI	MG	RE	FE	SI
Pyro NiMag 50	94-96%	4-5%	With Or Without	0.50%	0.50%
Pyro NiMag 8160	80-83%	14-17%	With Or Without	0.50%	0.50%
Pyro NiMag 8200	80-82%	18-20%	With Or Without	0.50%	0.50%

**Standard Sizes:**

0.2 To 2.0 mm Cored Wire Application  
5 To 25 mm  
10 To 50 mm

**Standard Packing:**

250 Kg Steel Drums On Pallets  
500 Kg Steel Drums On Pallets

**Other Chemical Analysis, Quality & Size Available**

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### Nickel Magnesium Nodularizer

For Ferrous Foundries & Steel Roll Manufacturers

Nickel Magnesium (NiMg) Alloys are Master Alloys of Magnesium with Nickel, which facilitates higher transfer of Magnesium into the liquid Cast Iron in comparison with pure magnesium due to metal density variations of liquid Iron & Magnesium Resulting in better Recoveries & Minimising MgO Fume Emissions during treatment.

Additions of NiMg into liquid Iron promote Nodular Graphites in Ductile Iron / SG Iron. It is also used for Deoxidation & Desulfurization of Cast Iron, Special Steels and Super Alloys.

Nickel-Magnesium can also be Manufactured along with Cerium Rare Earth Metals which helps to reduce the Effects caused by the Presence of Other Impurities like Titanium, Lead & Others. Rare Earth further Enhances & improves the Nodularizing Effect of Magnesium & Prevents the Fading Effect in Castings.

#### Other Nickel Master Alloys & Compositions:

Ferro Nickel Magnesium (FeNiMg)


Nickel Aluminium NiAl (50% Al; Balance Nickel)

Nickel Zirconium NiZr (50% Zr; Balance Nickel)


Nickel Titanium NiTi (35% Ti; 50% Ti; Balance Nickel)

Nickel Chromium NiCr (20% Cr; 40% Cr; Balance Nickel)

Nickel Calcium NiCa (5-6% Calcium; Balance Nickel)

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