

# Eutectix

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## Nickel Calcium Alloy (12%) – Ni<sub>5</sub>Ca

### Major Components

Calcium	12.0 ± 0.5 Wt %
Nickel	Balance

<u>Trace Elements</u>	Specification (wt%)	Typical (wt%)
Aluminum	<0.2	<0.1
Magnesium	<0.01	ND
Manganese	<0.01	ND
Copper	<0.05	ND
Iron	<0.01	ND
Silicon	<0.01	ND
Others	<0.01	ND

ND <.001%

<u>Interstitial Impurities</u>	Specification (wt%)	Typical (wt%)
Oxygen	<0.01	<0.001
Carbon	<0.01	<0.005
Nitrogen	<0.005	<0.001
Sulfur	<0.005	<0.001

- Standard Form 2" or less
- Available as powder on request
- Standard Packing double bagged and drummed under inert atmosphere



- Eutectix Nickel Calcium alloys are prepared from high purity Nickel (99.97%) and Calcium (99.9%) specially selected for low interstitial impurity levels. The alloy is slag-free and of bright, shiny appearance.
  - Each lot is accompanied by fully traceable major and minor elemental analyses.
  - Variations in the major component concentration specification are available on request, as
- are the particle size distribution specifications for powdered versions of these alloys.