

FeNi GRANULES (16 %Ni)

SPECIFICATIONS

Element	Typical (%)	Indicative (%)
Ni	15 – 19	16
Co	1.2 max	0.6
Si	0.02 max	0.01
C	0.02 max	0.01
P	0.05 max	0.01
As	0.15 max	0.10
S	0.8 max	0.4
Cu	0.10 max	0.06
Cr	0.01 max	0.005
Fe	Balance	Balance



DESCRIPTION

Our ferronickel is in granulated form and is continuously added into converters and electric furnaces. Each kg of **FeNi** nickel is providing approximately 5 kg of clean iron. The addition of virgin iron has big advantages to steelworks. The cooling effect in stainless steel process is significantly low and much lower than stainless steel scrap or other nickel forms.

PHYSICAL PROPERTIES

FeNi granules are available in shot form:

- Grain size: approx. 3 - 40 mm (95%)
- Bulk density: 3.2 - 3.8 t/m³
- Angle of repose: 40 - 50°
- Granules are free from any source of radiation
- Residual humidity: 0.2% max
- The material shall be as free as possible from surface contaminants such as slag, sand, etc.



PACKAGING & HANDLING

Our ferronickel is developed for use in automatic handling and storage equipment. It is supplied in bulk in containers, big-bags in containers (2 tons), or in bulk. It can be added continuously and in exact quantities to all types of equipment in steelworks.

Our ferronickel granules can be handled by electro-magnets, buckets, belt conveyors, vibrating conveyors and bucket conveyors. Owing to the physical properties of granules, handling and cleaning out is without loss or pollution of the product. Therefore the cost handling is minimal.



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