Nickel Melt Rounds

Nickel Melt Rounds are a high purity form of nickel suitable for melting applications. Nickel Melt Rounds are produced by electrolytic refining at Vale's Thompson Nickel Refinery in Manitoba, Canada.

The controlled and consistent purity of Nickel Melt Rounds and their distinctive shape make this product applicable to demanding melting applications. The main characteristics of this product are:

- High purity, consistent composition
- High nickel content and low impurity levels allow for its addition at any stage of the alloy-making process.
- The chemical composition and shape also allow for its addition as a primary feed material in the BOF, EAF, AOD and induction furnaces or for fine tuning additions in ladle metallurgy stations.
- The distinctive shape results in easy flow and permits superior handling characteristics in semi and fully-automated handling operations, such as transfer from bulk storage to weighing and furnace charging stations.
- The solid metallic nature of the product ensures there is no breakage and dusting so there will be no losses during handling.

Nickel Melt Rounds are produced in compliance with the following ISO standard: ISO 9001:2008.

For further information about our products, please visit our website (www.vale.com) or contact a regional sales representative.

Typical Specifications

Form

- Button-shaped pieces of nickel
- Diameter: approximately 22 - 25 mm
- Thickness: approximately 6 - 10 mm

Packaging

- 250 kg drums, 4 drums per pallet
- 2 tonne bags
- Bulk shipments (enquire for availability)

Typical Chemical Analysis

Contains a minimum of 99.8% (by weight) nickel and trace amounts of other elements.

Nickel determined by difference.

Chemical composition exceeds ASTM B39.

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4 drums per pallet

2 tonne bag