

Plating Rounds™



Plating Rounds™ are a high-purity form of electrolytic nickel specifically designed for electroplating with titanium anode baskets.

The controlled and consistent quality of Plating Rounds™ and their distinctive shape and size make them ideally suited for plating of high quality products:

- High-purity nickel
- Unique shape prevents the formation of bridges and voids in the basket
- Unique shape ensures good solution flow and mixing through the basket
- Settles uniformly in basket, ensuring uniform current density and high-quality deposits

- Flows easily into regular and shaped baskets of various mesh sizes
- Safe to handle (no sharp edges)
- Dissolves at 100% anode efficiency in common nickel plating solutions (containing chlorides)

Vale's Long Harbour Processing Plant manufactures Plating Rounds™ using a state-of-the-art hydrometallurgical process in Newfoundland, Canada.

For more information visit vale.com, email plating@vale.com or contact your regional sales representative.

Product description

Form

- Button-shaped pieces of nickel
- Diameter: approximately 25-29 mm
- Thickness: approximately 5-6 mm
- Weight per piece: 26-32 grams

Packing density

Approximately 3.6 g/cm³ of basket capacity

Packaging options

- 10 kg bags — 5 bags per box, 20 boxes per pallet (1,000 kgs net weight)
- 250 kg steel drums, 4 drums per pallet
- 1,000 kgs bulk bags
- 2,000 kgs bulk bags

Typical analysis (wt %)

Ni*	>99.95
Co	<0.030
Cu	<0.0002
C	<0.008
Fe	<0.002
S	<0.005
As	<0.0001
Pb	<0.0001
Zn	<0.0002

* Nickel determined by difference