

Nickel Anode Plating Rounds™

Vale Plating Rounds™ electrolytic nickel is the world's most popular non-activated anode material for general purpose surface finishing with baskets.

It has an ideal shape for use with titanium anode baskets. The button shape prevents bridging of the material as it dissolves and helps the load settle uniformly in the basket.

Vale Plating Rounds™ electrolytic nickel is safe to handle, with no sharp corners, and is supplied in convenient 10 kg (22 lb.) bags. The product flows and packs well into all standard and shaped baskets of various mesh sizes.

Its dissolution characteristics are typical for non-activated nickel anode materials. It dissolves non-uniformly producing a tiny amount of metallic residue. It is essential to have chlorides present in the electroplating solution for Plating Rounds™ electrolytic nickel to dissolve efficiently.

The advantages associated with its shape, such as improved settling in baskets, safe handling, and improved flow ability compared to squares of various sizes, have made this the preferred non-activated product for nickel plating worldwide.

Quality management systems for the production, packaging and marketing of Plating Rounds™ electrolytic nickel have been registered and comply with the requirements of ISO Standard 9002-94.

Exceeds the chemical requirements ASTM B 39 and ISO 6283, NR 9980.

Form

Button-shaped pieces of nickel approximately 23 mm (0.90 in.) diameter and about 8 mm (0.32 in.) thickness.

Packaging Density

About 4.6 kg/dm³ (0.17 lb/in.³) of basket capacity.

Analysis: Measured in ppm

Parameter	Typical
Nickel	> 99.95%
Arsenic	< 1 ppm
Carbon	< 80 ppm
Cobalt	< 300 ppm
Copper	< 2 ppm
Iron	< 20 ppm
Lead	< 1 ppm
Sulfur	< 50 ppm
Zinc	< 2 ppm

Packaging

10kg (22 LB.) Plastic Bags - 5 Bags Per Box - 20 Boxes Per Pallet or 250 kg Steel Drum or 1000 Kg Super Sack.

Storage / Safety

Store in a cool dry area away from foodstuffs.

Shelf Life - Indefinite

