

Nickel Anode P-Pellets®

Vale P-Pellets® are a high purity, non-activated, form of plating grade nickel. The spherical pellets are produced through carbonyl refining, which is well known for producing the highest purity form of surface finishing nickel anode available. Vale P-Pellets® are screened to remove over and under-sized anode sphere's.

The dissolution characteristics of this high purity, sulphur-free product are similar to those of other non-activated nickel anodes. It dissolves non-uniformly with the formation of small amounts of metallic residue. Chlorides must be present in the plating bath for this material to dissolve efficiently.

The unique spherical shape and high packing density of Vale P-Pellets® provides basket loading advantages. It flows easily and pours readily into anode baskets. The pellets pack uniformly and settle well during dissolution. Because it is a flowable product, devices for automatically filling anode baskets have been designed to improve loading speed and safety.

Quality Management Systems and Environmental Management Systems for the production and packaging of Nickel Anode P-Pellets® have been registered and comply with the requirements of ISO Standard 9001:2000 and ISO 14001:2004 respectively.



Concentration

99.98% - Ni

Form

Spherical pieces of nickel. Size range of 8 to 12 mm diameter (90%)

Packing Density

Approximately 5.4 to 6 kg/dm³ (0.2-0.22 lbs/in³) of basket capacity

Analysis: Measured in ppm

Parameter	Typical
Nickel	> 99.98%
Carbon	100 ppm
Cobalt	< 0.5 ppm
Copper	2 ppm
Iron	50 ppm
Lead	< 0.22 ppm
Sulfur	4 ppm
Zinc	< 0.5 ppm

Exceeds the chemical requirements of ISO 6283, NR9995; BS 375, R 99.8 and ASTM B 39

Packaging

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

Storage /Safety

Store in a cool dry area away from foodstuffs.

Shelf Life

Indefinite