



SPEC NO: NT Vale Nickel
 Rev: 3 Date: 2015
 Approved By:



CHEMICAL COMPOSITION

MATERIAL: Electrolytic Nickel Anodes
FORM/SHAPE: Vale Nickel P Pellets®
ASTM SPEC. #: ASTM B 39
MISC: Electrolytic Nickel

	Min.	Max.
Ni+Co	Nickel+Cobalt 99.96	
Co	Cobalt -----	<0.00005
C	Carbon -----	<0.0100
Cu	Copper -----	<0.0002
Pb	Lead-----	<0.00002
Fe	Iron -----	<0.0050
As	Arsenic -----	<0.0001
Zn	Zinc -----	<0.00005
S	Sulfur -----	<0.0004

** The above lab report is a typical analysis of the material

Vale Nickel P-Pellets® are a non-activated form of primary nickel suitable for titanium baskets. The spherical pellets are produced in the United Kingdom by a unique gas refining process and are screened to remove over and under-sized pellets. The screened product can be utilized in baskets with standard mesh sizes. The dissolution characteristics of this high purity, sulfur-free product are similar to those of other non-activated products. It dissolves non-uniformly with the formation of small amounts of metallic residue. Chlorides must be present in the plating solution for this material to dissolve effectively. The unique spherical shape of Vale P-Pellets provides basket loading advantages. It flows easily and pours readily into the anode baskets. The pellets pack uniformly and settle well during dissolution. Because it is a flowable product, it can be used in shaped and conforming baskets with relative ease, and devices for automatically filling baskets have been designed for use with this product. It is safe to handle and comes in convenient packaging. The relatively high packing density and its excellent flowability make this product especially useful for nickel plating applications where automatic loading devices can be employed.

Please direct your sales and technical inquires to (215) 821-8461

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Quality Since 1789

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