



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

*Ben Edmundo*

#### 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 R Rounds® electrolytic nickel is the world's most popular non-activated anode material for general purpose plating with baskets. It has an ideal shape for use with titanium anode baskets. The button shape prevents bridging of the material as it is dissolved and helps the load settle uniformly in the baskets. R-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 shaped baskets of various mesh sizes. Its dissolution characteristics are typical of those of 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 R-Rounds electrolytic nickel to dissolve efficiently. The advantages associated with its shape...improved settling in baskets, safe handling, improved flowability compared to squares of various sizes...have made this the preferred non-activated product for nickel plating worldwide.

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

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Quality Since 1789

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