



**NT XSTRATA NICKEL D CROWNS®**



SPEC NO:NT XSTRATA Nickel D Crowns®  
 Rev: 2 Date: 4/28/2011  
 Approved By:  
 Ben Etherington; VP, Operations

**CHEMICAL COMPOSITION**

**MATERIAL:** Sulfurized Nickel Anodes  
**TRADE NAME:** XSTRATA D Crowns®  
**ASTM SPEC. #:** ASTM B 39  
**CROSS REF:** Vale Nickel S Rounds/Pellets

		Min.	Max.
Ni+Co	Nickel+Cobalt	99.95	
Co	Cobalt -----		<0.0002
C	Carbon -----		<0.002
Cu	Copper -----		<0.0001
Pb	Lead -----		<0.0002
Fe	Iron -----		<0.001
As	Arsenic -----		<0.001
Zn	Zinc -----		<0.0002
S	Sulfur -----	0.019	0.030

XSTRATA Nickel D Crowns® are a sulfur-depolarized form of high purity electrolytic nickel. Nickel D Crowns® were developed by XSTRATA for electroplaters and electro-formers who have the need and preference for a depolarized anode product. Nickel D Crowns® add to the versatility of the company product line and the typical sulfur content of 200 ppm allows the product to be utilized over a wide range of operating conditions. Metallic impurity levels are consistently low, as in all Falconbridge electrolytic nickel products.

XSTRATA Nickel D Crowns® are round and hemispherical in shape with a base dimension of approximately 21 mm (0.83 inches). Their form provides smooth flowing and easy handling characteristics. They dissolve smoothly and settle well in titanium baskets. Packaging is designed to simplify basket filling and increase operator efficiency. The packing density of the XSTRATA Nickel D Crowns® is approximately 4.7 kg/dm<sup>3</sup>. For further information and assistance, please contact us to discuss your specific applications and requirements. We will be happy to assist you.

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

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Quality Since 1789



Nathan Trotter & Co.  
 Non-Ferrous Metals

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NATHAN TROTTER IS ISO 9001:2008 REGISTERED