

# Inspection Certificate

EN 10204 - 3.1

Certificate No: 2584 / 2022

DEUTSCHE NICKEL AMERICA

70 Industrial Road  
USA - 02864 Cumberland, RI  
USA

Order-No.:  
206315 / 05.11.2021

Confirmation-No.:  
80161804 / 15

**Material:** Silverin 400  
**Mat.-No.:** 2.4360  
UNS N04400  
**Form of delivery:** bars  
**Dimension:** dia. 88,900 mm  
dia. 3.500"

**Specification:** QQ-N-281D, Amd.2, Cl.A, Fm.1;  
ASTM B 164-03 Reappr. 2019;  
ASME SB 164-17;  
AMS 4675 E-17;  
ISO 15156-3:2015 /  
NACE MR 0175;  
ISO 17945-1:2015 /  
NACE MR 0103

**Condition:** cold drawn, stress relieved

**Net Weight:**  
1711,50 kg  
3773,22 lbs

**No. of pieces:**  
8 bars

**Heat-No.:**  
52204

**Lot-No.:**  
10159186-1

## MEASURED VALUES

Melting Composition (mass-%):

<b>Al</b> 0,021	<b>Co</b> 0,006	<b>Cu</b> 32,68	<b>C</b> 0,12	<b>Fe</b> 1,61	<b>Mn</b> 0,94	<b>Ni</b> 63,38
<b>Pb</b> 0,001	<b>P</b> 0,003	<b>Si</b> 0,25	<b>Sn</b> 0,001	<b>S</b> 0,001	<b>Zn</b> 0,003	

Length [mm]	
Hardness HB	181 / 181
Yield strength 0,2% [PSI]	76700
Tensile strength [PSI]	95600
Elongation AL=4D [%]	30,5
Reduction of area [%]	72

Melt Method: E+AOD  
Heat Treatment 1022°F / 1h / AC

The material supplied is free from contamination of mercury and has not been weld repaired.  
The material was manufactured without the use of ozone-depleting chemicals.  
The reported results represent the actual attributes of the material furnished and indicate full compliance with all applicable specification and contract requirements.  
The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes.  
DFAR 252-225-7009 Compliant  
Country of Origin: Germany

Heat # 52204  
  
Tracer # T0865127  




**Deutsche Nickel**

Rosenweg 15 • 58239 Schwerte • Germany

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Our QM-system is certified by Lloyd's Register Quality Assurance in accordance to DINENISO9001, certificate-no. 10356042  
Our EM-system is certified by Lloyd's Register Quality Assurance in accordance to DINENISO14001, certificate-no. 10344819  
Our EnM-system is certified by Lloyd's Register Quality Assurance in accordance to DINENISO50001, certificate-no. 10410362

**Schwerte, 02.08.2022**

**QA Manager  
Adrian Görsch**