



# Inspection Certificate

## EN 10204 - 3.1

Certificate No: 3062 / 2022

DEUTSCHE NICKEL AMERICA

70 Industrial Road  
USA - 02864 Cumberland, RI  
USA

Order-No.:  
206438 / 02.03.2022

Confirmation-No.:  
80162630 / 6

**Material:** NR-Nickel 99  
**Mat.-No.:** 2.4068  
UNS N02200 / N02201

**Specification:** ASTM B 160-05 Reappr. 2019  
ASME SB 160-19; chemistry  
acc. N02200 and N02201

**Form of delivery:** bars

**Condition:** hot worked, annealed, peeled

**Dimension:** dia. 63,500 mm  
dia. 2.500"

<b>Net Weight:</b> 1588,00 kg 3500,95 lbs	<b>No. of pieces:</b> 15 bars	<b>Heat-No.:</b> 52166	<b>Lot-No.:</b> 10161455-1
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### MEASURED VALUES

Melting Composition (mass-%):

<b>Co</b> 0,003	<b>Cu</b> 0,010	<b>C</b> 0,007	<b>Fe</b> 0,12	<b>Mg</b> 0,011	<b>Mn</b> 0,04	<b>Ni</b> 99,70
<b>Si</b> 0,07	<b>S</b> 0,001	<b>Ti</b> 0,001				

<b>Hardness HB</b>	103 / 104
<b>Yield strength 0,2% [PSI]</b>	39900
<b>Tensile strength [PSI]</b>	54500
<b>Elongation AL=4D [%]</b>	51,0
<b>Reduction of area [%]</b>	78

Melt Method: EAF+AOD  
Heat Treatment 1202°F / 4h / 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

