

COPY



Deutsche Nickel

Wickeder Group

Rosenweg 15 · 58234 Schwerte · Germany

Inspection Certificate

EN 10204 - 3.1

Certificate No: 2793 / 2017

DEUTSCHE NICKEL AMERICA

39 Perry Avenue Door 3-10
USA - 02703 Attleboro, MA
USA

Order-No.:
205008 / 12.04.2017

Confirmation-No.:
80152058 / 11

Material:	Stavrh 400	Specification:	QQ-N-281D, Amd 2, Cl A, Fm 1, ASTM B 164-03, ASME SB 164-07, ASTM B 564-11, ASME SB 564-10, AMS 4675 D-11, ISO 15156-3 2015 / NACE MR 0175
Mat.-No.:	2 4360 UNS N04400		
Form of delivery:	bars		
Dimension:	dia 279,400 mm dia. 11 000'		

Condition: hot worked, stress relieved, turned

Heat-No.:
20405

MEASURED VALUES

Melting Composition (mass-%)

Al	Co	Cu	C	Fe	Mn	Ni
0,046	0,01	32,31	0,13	1,95	1,16	64,01
Pb	P	Si	Sn	S	Zn	
<0,006	0,003	0,24	<0,006	0,001	<0,020	

Hardness HB	158 / 161
Yield strength 0,2% [PSI]	44500
Tensile strength [PSI]	83200
Elongation AL=4D [%]	45,0
Reduction of area [%]	76

Melt Method Induction Furnace
Heat Treatment 1022°F / 2h / 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 (Melt & Manufacture) Federal Republic of Germany

Heat # 20405
Date: 12.04.2017
Inspector: JAG:3332



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Heat #
20405
Tracer #
T0813337

Our QM-system is certified by Lloyds Register Quality Assurance in accordance to DIN EN ISO 9001, certificate-no. KLN 400313-10
Our EM-system is certified by Lloyds Register Quality Assurance in accordance to DIN EN ISO 14001, certificate-no. KLN 4001026

Schwerte, 02.03.2017

QA Manager
Martin Bäumlér