



DEUTSCHE NICKEL GMBH
Rosenweg 15, 58239 Schwerte, Germany

Inspection Certificate
EN 10204 - 3.1

Certificate No: 2584 / 2014 Rev. 1

Order-No.:
hHP 2690 / 01.04.2014

Confirmation-No.:
80142067 / 1

Material: Chronin 625

Specification: ASTM B 446-03 Reappr. 2008,
ASME SB 446-07,
DIN 17744,
DIN EN ISO 15156-3:2010 /
NACE MR 0175

Mat.-No.: 2.4666
UNS N06625

Form of delivery: bars

Dimension: dia 25,400 mm

Condition: hot worked, annealed, peeled

Net Weight:
533,00 kg

No. of pieces:
32 bars

Heat-No.:
42560

MEASURED VALUES

Melting Composition (mass-%):

Cr 22,28	Mo 9,04	Nb+Ta 3,53	Fe 4,35	C 0,015	Al 0,13	Co 0,022
Cu 0,047	Mn 0,076	P 0,001	S 0,002	Si 0,41	Ti 0,23	Ni 59,83*

* Calculated as the difference between 100 % and the sum of the measured elements

Hardness HB	281 / 284
Hardness HRC	25 / 35
Yield strength 0,2% [MPa]	635
Tensile strength [MPa]	1.112
Elongation AL=4D [%]	18,5
Charpy V-notch-test at -46°C (-50°F) [Joule]	50 / 53 / 55

IC-Test acc. ASTM G 48 Meth. A [mm/a]
(Test temperature and time: 50°C / 24 h)

0

Our QM-system is certified by Lloyd's Register Quality Assurance in accordance to DINENISO9001, certificate no.: KLN 4000313-10
Our EM-system is certified by Lloyd's Register Quality Assurance in accordance to DINENISO14001, certificate no.: KLN 4001026

Schwerte, 15.08.2014

QA Manager
Martin Bäumlner