

EN10204/3.1

No.Nr.N° 74039-EN-1

Business Unit / QCM
NYBY OPERATIONS

Date Datum Date
01-Oct-2020

Load / Ladung / Chargement
212277

Acknowledged ID, Bestätigung, Commande ID
300577643

| | | | |
|---|--|---|--|
| Buyers's reference / Käufer's referenz / Acheteur's référence 016708-1 | | Requirements, Anforderungen, Exigences EN 10028-7, PED 2014/68/EU-16 EN 10088-2-14 EN 10088-4-2009 ASTM A240/A240M-19 ASME SA-240M Code Sect. II. Part A-2017 ENISO9445-2 | |
| Buyer, Besteller, Acheteur Ovako Metals Oy Ab ATOMITIE 5 A FI 00370, HELSINKI Finland | | | |
| Consignee, Empfänger, Lieu de livraison Ovako Metals Oy Ab | | | |

| | | | |
|--|--|---|--|
| Mark of Manufacturer Zeichen des Lieferwerkes Signe de producteur outokumpu | Process Erschmelzungsart Mode de fusion E+AOD | Inspector's stamp Zeichen des Sachverständigen Poicon de l'expert | Grade, Werkstoff, Nuance 1.4462 UNS S32205 |
|--|--|---|--|

Product, Erzeugnisform, Produit
Cold Rolled Stainless , Sheet , EN 2E, ASTM 2D, Trimmed Edges

| Line Reihe Ligne | Item Position Poste | Heat-Lot No Schmelze-Lot Nr Coulée n° - Lot No | Size Abmessungen Dimensions | Pieces Stückzahl Nombre | Quantity / unit, Menge / Einheit, Quantité / unité |
|------------------------|---------------------------|--|-----------------------------------|-------------------------------|--|
| 1 | 1 | 502808-5 | 2,00 X 1500,0 X 3000 mm | 36 | 2556 KG |

CHEMICAL COMPOSITION / CHEMISCHE ZUSAMMENSETZUNG % (P after Heat No means product analysis, P nach schmelze nr ist Produkt Analyse)

| Heat/Schmelze | C | Si | Mn | P | S | Cr | Ni | Mo | N | | | | |
|---------------|-------|------|------|-------|-------|------|------|------|------|--|--|--|--|
| 502808 | 0.018 | 0.34 | 1.36 | 0.026 | 0.001 | 22.3 | 5.77 | 3.12 | 0.17 | | | | |

RESULT OF TESTING / ERGEBNIS DER PRÜFUNG (B: Beginning/Anfang/Début, E: End/Ende/Fin L: Längs der Walzrichtung/In the rolling direction, T:Quer der Walzrichtung/Across the rolling direction)

| Sample Probe | Loc/Dir Ort/Dir Lieu/Dir | RP 0.2 N/mm² | RP 1.0 N/mm² | RM N/mm² | A50 % | A80 % | HB N/A | Grade verification (spectroscope) OK Solution annealed Annealing Temperature > 1040 °C |
|-----------------|--------------------------------|-----------------|-----------------|-------------|----------|----------|-----------|--|
| Min | | 500 | 0 | 700 | 25 | 20 | 0 | |
| Max | | | | 950 | | | 293 | |
| 1 | BT | 693 | 746 | 868 | 29 | 23 | 272 | |
| 1 | ET | 694 | 745 | 866 | 30 | 24 | 281 | |

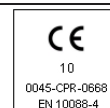
The products comply with the terms of the order contract.
Die Lieferung entspricht den Vereinbarungen der Bestellannahme.

Insp. and gauge measurement
Besichtigung und Ausmessung
SATISFACTORY

OUTOKUMPU STAINLESS AB
NYBY OPERATIONS
SE-644 80 TORSHÄLLA

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Fax: +46 16 349013
V.A.T no: SE556001874801

Certified acc. Pressure Equipment Directive 2014/68 /EU by TÜV CERT-Certification body for pressure equipment of the TÜV NORD GROUP notified body, reg.no. 0045.



QC Dip/Qualitätsstelle

Jonny Andersson

Jonny Andersson

SWEDEN

Regoffice: Stockholm SWEDEN, Regno: 556001-8748



Business Unit / QCM

NYBY OPERATIONS

Package Number

IndividNo - PartNo / Quantity

| | | |
|---------|---|---------------|
| 1177150 | - | 229522-6 / 18 |
| 1177151 | - | 229522-7 / 18 |

Declaration of Performance**DOP No.: Nyby4462**

according to Annex III Construction Products Regulation (305/2011/EU)

for the construction product

Cold Rolled Coil and Plate from Coil

| | |
|---|--|
| 1. Unique identification code for product type: | 1.4462 – EN 10088-4:2009 |
| 2. Batch No./Serial No.: acc. to article 11 par. 4 | see marking / label / inspection certificate |
| 3. Intended use for construction product: | plate for steel construction |
| 4. Contact address of manufacturer: acc. to article 11 par. 5 | Outokumpu Stainless AB Special Coil Nyby SE-644 80 Torshälla Sweden |
| 5. Contact address of authorised representative: acc. article 12 par. 2 | (where relevant: name and address of authorised representative / foreign agency) |
| 6. Assessment system and verification for constancy of performance: acc. to annex V | EN 10088-4, annex ZA, System Z+ |
| 7. The notified body : has conducted the first inspection and continuous surveillance according to the system: and issued the certificate: as a confirmation of conformity for the factory production control. | TÜV NORD Systems GmbH & Co. KG, Hamburg, identification no.: 0045 Z+ |
| 8. Construction product with European Technical Assessment: | No |

9. Declared performance:

| Essential characteristics | Performance | Harmonised technical specification |
|--|----------------------------------|--------------------------------------|
| Limiting dimension and shape tolerance | Tolerances acc. to ISO 9445-2 | EN 10088-4:2009, Annex B |
| yield point Rp0.2 | 500 MPa | EN 10088-4:2009, section 6.5.1 |
| tensile strength Rm elongation A and A80 | 700-950 MPa Min. 20 % | EN 10088-4:2009; section 6.3 |
| Weldability | (proven by chemical composition) | EN 10088-4:2009, section 6.3 and 6.4 |
| Durability | (proven by chemical composition) | |
| Fracture toughness/ brittle fracture | NA | |
| Cold formability | (proven by elongation) | EN 10088-4:2009 Section 6.8 |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Torshälla, 21 June 2016



Signed for and on behalf of the manufacturer by: Pete Bamforth, Quality/Technical Manager