



KEURINGSRAPPORT (3.1) - Chemische samenstelling  
FABRIEKS CONTROLE ATTEST (2.2) - Mechanische eigenschappen/  
INSPECTION CERTIFICATE (3.1) - Chemical analysis  
TEST REPORT (2.2) - Mechanical properties

Datum/Date: 2019-03-06

Certificaat nummer/Cert no: EC25507632 rev. 0

ESAB ordernummer/Our order: 2154092  
ESAB referentie/Our ref: Zsófia Szemes  
Klantnummer/Cust no: NLB00034  
Orderdatum/Your date: 20190130

Ordernummer/Your order: 20031516667  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

Faktuuradres/Invoice address  
ZEVIJ BV LASAULEC GRONINGEN  
POSTBUS 447  
4900 AK OOSTERHOUT  
Netherlands

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address  
LASAULEC GRONINGEN  
Lidnr. 406  
BORNHOLMSTRAAT 10  
9723 AX GRONINGEN  
Netherlands

LEVERING/DELIVERY

Lotnummer/Lot no:

PNT09020

Hoeveelheid/Quantity:

5 PAL

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tubrod 14.12 1.2mm 150x6kg  
Artikelnummer/Item no: 1412121170

**CHEMISCHE SAMENSTELLING/  
CHEMICAL COMPOSITION**

**Actual results: acc to EN 10204 - 3.1**

**CLASSIFICATIES/CLASSIFICATIONS**

SFA/AWS A5.36: E71T15-C1A2-CS1  
SFA/AWS A5.36: E71T15-M21A2-CS1  
EN ISO 17632-A: T 42 2 M C1 1 H10  
EN ISO 17632-A: T 42 2 M M21 1 H10

All weld metal

|                    |                    |
|--------------------|--------------------|
| Overige/Auxiliary: | M21 (EN ISO 14175) |
| C                  | 0.08%              |
| Si                 | 0.57%              |
| Mn                 | 1.40%              |
| P                  | 0.012%             |
| S                  | 0.008%             |
| Cr                 | 0.02%              |
| Ni                 | 0.01%              |
| Mo                 | < 0.01%            |
| Nb                 | < 0.01%            |
| Cu                 | 0.02%              |
| V                  | 0.01%              |

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPERTIES**  
**Typical data: acc to EN 10204 - 2.2**

Norm/Standard: EN  
Overige/Auxiliary: M21 (EN ISO 14175)  
Toestand/Condition: As welded

**TREKPROEF/TENSILE**

|            |           |              |
|------------|-----------|--------------|
| <u>ReL</u> | <u>Rm</u> | <u>A4-A5</u> |
| 481 MPa    | 586 MPa   | 27 %         |

**KERFSLAGWAARDE/IMPACT**

|             |        |        |
|-------------|--------|--------|
| <u>Temp</u> | -20 °C | -29 °C |
| <u>KV</u>   | 96 J   | 82 J   |

**OPMERKINGEN/COMMENTS**

Product geleverd volgens een QA systeem welke voldoet aan de ISO 9001 norm.  
Dit certificaat is elektronisch aangemaakt en geldig zonder ondertekening.  
Voor vragen:

**Esab Nederland BV - P.O. Box 2236 , 3800 CE Amersfoort , Nederland**

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.  
This certificate is produced electronically and is valid without signature.  
Please refer any queries to: (see above)

Validation - Chemical Analysis

Piotr Grela

Quality Assurance Manager

Validation - Others

Neil Farrow

Product Manager