



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: 2017-02-08

Certificaat nummer/Cert no: EC24621774 rev. 0

ESAB ordernummer/Our order: 1555356  
ESAB referentie/Our ref: Anita Frikk ESAB Kft.  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20170131

Ordernummer/Your order: 20031381929  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

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

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address  
LASAULEC HEERENVEEN  
Lidnr. 403  
KUPER 4  
8447 GK HEERENVEEN  
Netherlands

LEVERING/DELIVERY

Lotnummer/Lot no:

PNR02022

Hoeveelheid/Quantity: 1 CT

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tubrod 14.12 1.0mm 16kg  
Artikelnummer/Item no: **1412107630**

**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 C 1 H10  
EN ISO 17632-A: T 42 2 M M 1 H10

All weld metal

Overige/Auxiliary: M21 (EN ISO 14175)

|    |         |
|----|---------|
| C  | 0.08%   |
| Si | 0.52%   |
| Mn | 1.22%   |
| P  | 0.011%  |
| S  | 0.007%  |
| Cr | 0.02%   |
| Ni | 0.02%   |
| 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