



Inspectiecertificaat (3.1) - Chemische analyse  
Testrapport (2.2) - Mechanische eigenschappen  
INSPECTION CERTIFICATE (3.1) - Chemical analysis  
TEST REPORT (2.2) - Mechanical properties

Datum/Date: 2023-07-13

Certificaat nummer/Cert no: EC27216721 rev. 0

ESAB ordernummer/Our order: 0100812161  
ESAB referentie/Our ref: Brigitta Bór  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20230710

Ordernummer/Your order: 20031817362  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

Faktuuradres/Invoice address  
ZEVU BV LASAULEC HEERENVEEN  
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:

PVX1810345

Hoeveelheid/Quantity: 576 KGM

## PRODUCT/PRODUCT

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tubrod 14.11 1.4mm 16kg  
Artikelnummer/Item no: 1411147730  
Hoeveelheid/Quantity: 576 KGM

## CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

All weld metal

|                |             |
|----------------|-------------|
| Shielding Gas: | M21 (EN439) |
| C              | 0.03%       |
| Si             | 0.72%       |
| Mn             | 1.62%       |
| P              | 0.010%      |
| S              | 0.029%      |
| Cr             | < 0.1%      |
| Ni             | < 0.1%      |
| Mo             | < 0.1%      |
| Nb             | < 0.01%     |
| Cu             | < 0.1%      |
| V              | < 0.01%     |

## CLASSIFICATIES/CLASSIFICATIONS

SFA/AWS A5.18: E70C-6M H4  
EN ISO 17632-A: T 42 4 M M21 3 H5

## MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

### Tensile

| Standard | Shielding Gas | Condition | Rp0.2 [MPa/ksi] | Rm [MPa/ksi] | A5 [%] |
|----------|---------------|-----------|-----------------|--------------|--------|
| EN ISO   | M21 (EN439)   | As welded | 453/66          | 558/81       | 32     |

### Impact

| Standard | Shielding Gas | Condition | Temp [°C/°F] | KV[J/ft-lb] |
|----------|---------------|-----------|--------------|-------------|
| EN ISO   | M21 (EN439)   | As welded | -40/-40      | 55/41       |

A4, A5 = Elongation  
ReH = Upper Yield Point  
ReL = Lower Yield Point  
Rm = Ultimate Tensile Strength (UTS)  
Rp0.2 = Yield Strength 0.2 offset  
Rp1.0 = Yield Strength 1.0 offset

## OPMERKINGEN/COMMENTS

Product geleverd volgens een QA systeem welke voldoet aan de ISO 9001 norm.

Dit certificaat is elektronisch aangemaakt.

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.

Please refer any queries to: (see above)

Geldigheid/Validation

Josef Moravek

Quality Manager

Neil Farrow

Product Manager