



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

Datum/Date: 2023-05-12

Certificaat nummer/Cert no: EC27152796 rev. 0

ESAB ordernummer/Our order: 0100701212  
ESAB referentie/Our ref:  
Klantnummer/Cust no: NLB00034  
Orderdatum/Your date: 20230208

Ordernummer/Your order: 20031791353  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

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

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address  
LASAULEC GRONINGEN  
Lidnr. 406 OPENS AT 8AM  
BORNHOLMSTRAAT 10  
9723 AX GRONINGEN  
Netherlands

LEVERING/DELIVERY Lotnummer/Lot no: PNX1910554 Hoeveelheid/Quantity: 450 CT

## PRODUCT/PRODUCT

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tubrod 14.12 1.2mm 150x6kg  
Artikelnummer/Item no: 1412121170  
Hoeveelheid/Quantity: 450 CT

## CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

All weld metal  
Shielding Gas: M21 (EN ISO 141  
C 0.11%  
Si 0.66%  
Mn 1.50%  
P 0.011%  
S 0.009%  
Cr 0.02%  
Ni 0.01%  
Cu 0.01%  
V 0.01%

## CLASSIFICATIES/CLASSIFICATIONS

SFA/AWS A5.18: E70C-6C  
SFA/AWS A5.18: E70C-6M  
EN ISO 17632-A: T 42 2 M C1 1 H10  
EN ISO 17632-A: T 42 2 M M21 1 H10

## MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

### Tensile

| Standard | Shielding Gas      | Condition | ReL [MPa/ksi] | Rm [MPa/ksi] | A4-A5 [%] |
|----------|--------------------|-----------|---------------|--------------|-----------|
| EN       | M21 (EN ISO 14175) | As welded | 481/70        | 586/85       | 27        |

### Impact

| Standard | Shielding Gas      | Condition | Temp [°C/°F] | KV[J/ft-lb] |
|----------|--------------------|-----------|--------------|-------------|
| EN       | M21 (EN ISO 14175) | As welded | -20/-4       | 96/71       |
| EN       | M21 (EN ISO 14175) | As welded | -29/-20      | 82/60       |

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

Piotr Grela

Quality Manager

Neil Farrow

Product Manager