



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: 2023-02-15

Certificaat nummer/Cert no: EC27061231 rev. 0

ESAB ordernummer/Our order: 0100706950

Ordernummer/Your order: 20031792751

ESAB referentie/Our ref: M3PRD020

Referentie/Your ref:

Klantnummer/Cust no: NLB00033

Faxnummer/Your fax:

Orderdatum/Your date: 20230215

E-mail adres/Your e-mail:

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

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address

Lasaulec Heerenveen  
Kuper 4  
HEERENVEEN  
8447 GK HEERENVEEN  
Netherlands

LEVERING/DELIVERY

Lotnummer/Lot no:

PNX0211121

Hoeveelheid/Quantity: 15 CT

## PRODUCT/PRODUCT

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tubrod 14.13 1.2mm 16kg  
Artikelnummer/Item no: 1413127730

## CLASSIFICATIES/CLASSIFICATIONS

SFA/AWS A5.18: E70C-6M  
EN ISO 17632-A: T 42 2 M M21 2 H5

## CHEMISCHE SAMENSTELLING/ CHEMICAL COMPOSITION

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

All weld metal

Overige/Auxiliary: M21 (EN ISO 14175)

|    |        |
|----|--------|
| C  | 0.100% |
| Si | 0.50%  |
| Mn | 1.30%  |
| P  | 0.012% |
| S  | 0.016% |
| Cr | 0.03%  |
| Ni | 0.02%  |
| Mo | 0.01%  |
| Cu | 0.04%  |

## MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

**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> |
|------------|-----------|--------------|
| 503 MPa    | 611 MPa   | 26 %         |

## KERFSLAGWAARDE/IMPACT

| <u>Temp</u> | -20 °C | -29 °C |
|-------------|--------|--------|
| <u>KV</u>   | 106 J  | 85 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