



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

Datum/Date 2024-07-18

Certificaat nummer/Cert no: EC27588599 rev. 0

ESAB ordernummer/Our order: 0101066766  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20240712

Ordernummer/Your order: 20031880608  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

Faktuuraadres/Invoice address

ZEVIJ-NECOMIJ BV  
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:

PNY2511953

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tubrod 14.13 1.2mm 16kg  
Artikelnummer/Item no: 1413127730  
Hoeveelheid/Quantity: 10 RL

**CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS**

Actual results: acc to EN 10204 - 3.1

All weld metal

|                |         |
|----------------|---------|
| Shielding Gas: | M21     |
| C              | 0.090%  |
| Si             | 0.50%   |
| Mn             | 1.40%   |
| P              | 0.010%  |
| S              | 0.018%  |
| Cr             | 0.03%   |
| Ni             | 0.02%   |
| Mo             | 0.02%   |
| Nb             | < 0.01% |
| Cu             | 0.05%   |
| V              | < 0.01% |

**CLASSIFICATIES/CLASSIFICATIONS**

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

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS**

Typical data: acc to EN 10204 - 2.2

**Tensile**

| Standard | Shielding Gas | Condition | ReL [MPa/ksi] | Rm [MPa/ksi] | A5 [%] |
|----------|---------------|-----------|---------------|--------------|--------|
| EN ISO   | M21           | As welded | 503/73        | 611/89       | 26     |

**Impact**

| Standard | Shielding Gas | Condition | Temp [°C/°F] | KV[J/ft-lb] |
|----------|---------------|-----------|--------------|-------------|
| EN ISO   | M21           | As welded | -20/-4       | 106/78      |
| EN ISO   | M21           | As welded | -29/-20      | 85/63       |

A4, A5 = Elongation  
ReH = Upper Yield Point  
ReL = Lower Yield Point  
Rm = Ultimate Tensile Strength  
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)

*Piotr Grela*

*Neil Farrow*

Geldigheid/Validation

Piotr Grela

Quality Manager

Neil Farrow

Product Manager