



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

Datum/Date: 2023-07-07

Certificaat nummer/Cert no: EC27211259 rev. 0

ESAB ordernummer/Our order: 0100810174  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20230706

Ordernummer/Your order: 20031817044  
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 Heerenveen  
Kuper 4  
HEERENVEEN  
8447 GK HEERENVEEN  
Netherlands

LEVERING/DELIVERY

Lotnummer/Lot no:

SBX1611705

Hoeveelheid/Quantity: 345 PCE

## PRODUCT/PRODUCT

Merk/Brand: ESAB  
Omschrijving/Desc: OK 48.00 3.2x350mm  
Artikelnummer/Item no: 4800323000  
Hoeveelheid/Quantity: 345 PCE

## CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

All weld metal

|    |         |
|----|---------|
| C  | 0.07%   |
| Si | 0.47%   |
| Mn | 1.2%    |
| P  | 0.021%  |
| S  | 0.008%  |
| Cr | < 0.10% |
| Ni | < 0.10% |
| Mo | < 0.01% |
| Nb | < 0.01% |
| Cu | < 0.10% |
| V  | 0.02%   |

## CLASSIFICATIES/CLASSIFICATIONS

SFA/AWS A5.1: E7018 H4 R  
EN ISO 2560-A: E 42 4 B 42 H5

## MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

### Tensile

| ReL [MPa/ksi] | Rm [MPa/ksi] | A5 [%] |
|---------------|--------------|--------|
| 475/69        | 565/82       | 29     |

### Impact

| Temp [°C/°F] | KV[J/ft-lb] |
|--------------|-------------|
| -40/-40      | 115/85      |

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

Tested according to NACE TM0177 and TM0284.

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

Ellen Bjorgan

Quality Manager

J-P Ernoult

Product Manager