



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

Datum/Date: 2024-01-10

Certificaat nummer/Cert no: EC27389106 rev. 0

ESAB ordernummer/Our order: 0100925792  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20231220

Ordernummer/Your order: 20031845343  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

Faktuuradres/Invoice address

ZEVU-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:

SBX4610974

Hoeveelheid/Quantity: 4680 PCE

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK 46.00 2.5x350mm  
Artikelnummer/Item no: 4600253200  
Hoeveelheid/Quantity: 4680 PCE

**CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS**

Actual results: acc to EN 10204 - 3.1

All weld metal

|    |         |
|----|---------|
| C  | 0.09%   |
| Si | 0.38%   |
| Mn | 0.53%   |
| P  | 0.024%  |
| S  | 0.013%  |
| Cr | 0.04%   |
| Ni | 0.03%   |
| Mo | < 0.01% |
| Nb | < 0.01% |
| Cu | 0.06%   |
| V  | 0.01%   |

**CLASSIFICATIES/CLASSIFICATIONS**

SFA/AWS A5.1: E6013  
EN ISO 2560-A: E 38 0 RC 11

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS**

Typical data: acc to EN 10204 - 2.2

**Tensile**

| ReL [MPa/ksi] | Rm [MPa/ksi] | A5 [%] |
|---------------|--------------|--------|
| 400/58        | 510/74       | 28     |

**Impact**

| Temp [°C/°F] | KV[J/ft-lb] |
|--------------|-------------|
| 0/32         | 70/52       |

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**

Ellen Bjorgan

Quality Manager

J-P Ernoult

Product Manager