



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: 2023-04-04

Certificaat nummer/Cert no: EC27112133 rev. 0

ESAB ordernummer/Our order: 0100734539  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20230322

Ordernummer/Your order: 20031799161  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

Faktuuraadres/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  
Hoeveelheid/Quantity: 270 PCE

LEVERING/DELIVERY

Lotnummer/ SFX1312496

## PRODUCT/PRODUCT

Merk/Brand: ESAB  
Omschrijving/Desc: OK 43.32 4.0x350mm  
Artikelnummer/Item no: 4332403400  
Hoeveelheid/Quantity: 270 PCE

CHEMISCHE SAMENSTELLING/  
CHEMICAL COMPOSITION

Actual results: acc to EN 10204 - 3.1

All weld metal

|    |        |
|----|--------|
| C  | 0.09%  |
| Si | 0.43%  |
| Mn | 0.6%   |
| P  | 0.025% |
| S  | 0.010% |
| Cr | 0.1%   |
| Ni | 0.1%   |
| Mo | 0.1%   |
| Nb | 0.01%  |
| Cu | 0.1%   |
| V  | 0.02%  |

## CLASSIFICATIES/CLASSIFICATIONS

SFA/AWS A5.1: E6013  
EN ISO 2560-A: E 42 0 RR 12

## MECHANICAL PROPERTIES

Typical data: acc to EN 10204 - 2.2

### Tensile

| Standard | Shielding Gas | Condition | ReL [MPa/ksi] | Rm [MPa/ksi] | A5 [%] |
|----------|---------------|-----------|---------------|--------------|--------|
|          |               |           | 460/66.72     | 520/75.42    | 27     |

### Impact

| Standard | Shielding Gas | Condition | Temp [°C/°F] | KV [J/ft-lb] | L.E [mm/mils] |
|----------|---------------|-----------|--------------|--------------|---------------|
|          |               |           | 0/32.00      | 60/44.25     |               |
|          |               |           | -10/14.00    | 55/40.57     |               |

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 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)



Geldigheid/Validation

|              |                           |             |                 |
|--------------|---------------------------|-------------|-----------------|
| Balint Banko | Quality Assurance Manager | J-P Ernoult | Product Manager |
|--------------|---------------------------|-------------|-----------------|