



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: 2015-05-07

Certificaat nummer/Cert no: EC23871908 rev. 0

ESAB ordernummer/Our order: 1078217  
ESAB referentie/Our ref: Anita Frikk ESAB Kft.  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20150506

Ordernummer/Your order: 20031265315  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

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

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address  
LASAULEC HEERENVEEN  
Lidnr. 403  
KUPER 4  
8447 GK HEERENVEEN  
Netherlands

LEVERING/DELIVERY

Lotnummer/Lot no:

SB503034

Hoeveelheid/Quantity:

138 PCE

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK 67.60 3.2x350mm 1/2 VP  
Artikelnummer/Item no: 67603230T0

**CHEMISCHE SAMENSTELLING/  
CHEMICAL COMPOSITION**

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

**CLASSIFICATIES/CLASSIFICATIONS**

EN ISO 3581-A E 23 12 L R 3 2  
SFA/AWS A5.4 E309L-17  
CSA W48 E309L-17  
Werkstoffnummer 1.4332

All weld metal

Overige/Auxiliary:

|           |        |
|-----------|--------|
| C         | 0.02%  |
| Si        | 0.68%  |
| Mn        | 0.8%   |
| P         | 0.014% |
| S         | 0.006% |
| Cr        | 23.1%  |
| Ni        | 12.4%  |
| Mo        | 0.09%  |
| Cu        | 0.06%  |
| FN WRC-92 | 10     |

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS**

**Typical data**

**acc to EN 10204 - 2.2**

Norm/Standard:

Overige/Auxiliary:

Toestand/Condition:

**TREKPROEF/TENSILE**

|         |         |      |
|---------|---------|------|
| Rp0.2   | Rm      | A5   |
| 470 MPa | 580 MPa | 32 % |

**KERFSLAGWAARDE/IMPACT**

|             |           |
|-------------|-----------|
| <u>Temp</u> | <u>KV</u> |
| +20 °C      | 50 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

Ellen Björgran

Quality Manager

Validation - Others

Tapio Huhtala

Product Manager