



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: 2016-02-24

Certificaat nummer/Cert no: EC24217275 rev. 0

ESAB ordernummer/Our order: 1278454  
ESAB referentie/Our ref: Anita Frikk ESAB Kft.  
Klantnummer/Cust no: NLB00034  
Orderdatum/Your date: 20160224

Ordernummer/Your order: 20031319567  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

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

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address  
LASAULEC GRONINGEN  
Lidnr. 406  
BORNHOLMSTRAAT 10  
9723 AX GRONINGEN  
Netherlands

LEVERING/DELIVERY

Lotnummer/Lot no:

B811C5H300

Hoeveelheid/Quantity:

60 KGM

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: Shield-Bright 309L X-tra 1.2mm  
Artikelnummer/Item no: **35CX12982V**

**CHEMISCHE SAMENSTELLING/  
CHEMICAL COMPOSITION**

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

**CLASSIFICATIES/CLASSIFICATIONS**

SFA/AWS A5.22: E309LT0-1  
SFA/AWS A5.22: E309LT0-4  
JIS Z 3323: TS309L-FB0 - KR  
KS D 3612: YF 309LC - KR  
EN ISO 17633-A: T 23 12 L R C1 3  
EN ISO 17633-A: T 23 12 L R M21 3

All weld metal

Overige/Auxiliary:

|    |        |
|----|--------|
| C  | 0.03%  |
| Si | 1.0%   |
| Mn | 1.3%   |
| P  | 0.02%  |
| S  | 0.01%  |
| Cr | 23.0%  |
| Ni | 12.5%  |
| Mo | < 0.1% |
| Cu | 0.1%   |

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS**  
**Typical data: acc to EN 10204 - 2.2**

Norm/Standard:  
Overige/Auxiliary:  
Toestand/Condition:

**TREKPROEF/TENSILE**

|              |           |           |
|--------------|-----------|-----------|
| <u>Rp0.2</u> | <u>Rm</u> | <u>A4</u> |
| 480 MPa      | 600 MPa   | 35 %      |

**KERFSLAGWAARDE/IMPACT**

|             |        |         |
|-------------|--------|---------|
| <u>Temp</u> | +20 °C | -110 °C |
| <u>KV</u>   | 40 J   | 32 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

Y.S Kim

Quality Manager

Validation - Others

Neil Farrow

Product Manager