



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: 2015-10-26

Certificaat nummer/Cert no: EC24079575 rev. 0

ESAB ordernummer/Our order: 1184600  
ESAB referentie/Our ref: Anita Frikk ESAB Kft.  
Klantnummer/Cust no: NLB00034  
Orderdatum/Your date: 20151015

Ordernummer/Your order: 20031294859  
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: B812A5H500 Hoeveelheid/Quantity: 4 CT

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: Shield-Bright 309L 1.2mm15kgVP  
Artikelnummer/Item no: 35CA12982V

**CHEMISCHE SAMENSTELLING/  
CHEMICAL COMPOSITION**

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

**CLASSIFICATIES/CLASSIFICATIONS**

SFA/AWS A5.22 E309LT1-1  
SFA/AWS A5.22 E309LT1-4  
JIS Z 3323 TS309L-FB1  
KS D 3612 YF-309LC  
EN ISO 17633-A T 23 12 L P C1 2  
EN ISO 17633-A T 23 12 L P M21 2

All weld metal

Overige/Auxiliary:

|    |        |
|----|--------|
| C  | 0.040% |
| Si | 0.9%   |
| Mn | 1.4%   |
| P  | 0.017% |
| S  | 0.006% |
| Cr | 23.4%  |
| Ni | 12.6%  |
| Mo | 0.1%   |
| Cu | 0.07%  |

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS**

**Typical data  
acc to EN 10204 - 2.2**

Norm/Standard: AWS  
Overige/Auxiliary:  
Toestand/Condition: As welded

**TREKPROEF/TENSILE**

|         |         |      |
|---------|---------|------|
| Rp0.2   | Rm      | A4   |
| 450 MPa | 580 MPa | 40 % |

**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