



## INSPECTION CERTIFICATE (3.1) - Chemical analysis TEST REPORT (2.2) - Mechanical properties

Date: 2013-11-12

Certificate number: EC23216272 rev. 0

Our order: 721046  
Our reference: Nicole Javaux France  
Customer number: NLB00152  
Customer order date: 20131017

Your order: Various  
Your reference:  
Your fax number:  
Your e-mail:

Invoice address  
ZEVIJ B.V. LASAULEC CENTRAAL HVEEN  
POSTBUS 447  
4900 AK OOSTERHOUT

Receiver of certificate

Delivery address  
LASAULEC CENTRAAL B.V.  
Lidhr. 400  
KUPER 2  
8447 GK HEERENVEEN

DELIVERY

Lot number: PV3381308850

Quantity: 1

### PRODUCT

Brand: ESAB  
Description: OK Autrod 309LSi 1.0mm 15kg  
Item number: 1651109820

### CLASSIFICATIONS

EN ISO 14343-A G 23 12 L Si  
SFA/AWS A5.9 ER309LSi  
Werkstoffnummer ~1.4332

### CHEMICAL COMPOSITION

Actual results  
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

|            |        |
|------------|--------|
| C          | 0.014% |
| Si         | 0.86%  |
| Mn         | 1.92%  |
| P          | 0.019% |
| S          | 0.010% |
| Cr         | 23.1%  |
| Ni         | 13.2%  |
| Mo         | 0.06%  |
| Cu         | 0.07%  |
| N          | 0.05%  |
| Ferrite FN | 12     |

### MECHANICAL PROPERTIES

Typical data  
acc to EN 10204 - 2.2

Standard:  
Auxiliary:  
Condition:

#### TENSILE

|              |           |              |
|--------------|-----------|--------------|
| <u>Rp0.2</u> | <u>Rm</u> | <u>A4-A5</u> |
| 440 MPa      | 600 MPa   | 41 %         |

#### IMPACT

|             |           |
|-------------|-----------|
| <u>Temp</u> | <u>KV</u> |
| -110 °C     | 90 J      |

### COMMENTS

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:

Esab Nederland BV - P.O. Box 2236 , 3800 CE Amersfoort , Nederland

Validation - Chemical Analysis

Milan Macek

Quality Manager

Validation - Others

Mikael Mimer

Product Manager