



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

Date: 2013-06-18

Certificate number: **EC22996621 rev. 0**

Our order: 629223  
Our reference: Nicole Javaux France  
Customer number: NLB00151  
Customer order date: 20130614

Your order: **20031131613**  
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 ALMERE  
Lidhr. 426  
VLOTBRUGWEG 2  
1332 AH ALMERE

DELIVERY

Lot number: RB1316138

Quantity: 5

## PRODUCT

Brand: ESAB  
Description: OK Tigrod 5183 4.0x1000mm 2.5kg  
Item number: **181640R120**

## CLASSIFICATIONS

SFA/AWS A5.10 R5183  
EN ISO 18273 S Al 5183 (AlMg4,5Mn0,7(A))

## CHEMICAL COMPOSITION

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

Wire/strip

Auxiliary:

|    |           |
|----|-----------|
| Si | 0.04%     |
| Mn | 0.58%     |
| Cr | 0.06%     |
| Cu | < 0.01%   |
| Ti | 0.01%     |
| Al | 94.0%     |
| Be | < 0.0001% |
| Fe | 0.10%     |
| Mg | 4.6%      |
| Zn | < 0.01%   |

## 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> |
| 140 MPa      | 290 MPa   | 25 %         |

### IMPACT

|             |           |
|-------------|-----------|
| <u>Temp</u> | <u>KV</u> |
| +20 °C      | 30 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

William Hamilton

Quality Assurance Manager

Validation - Others

Michael Spiess

Product Manager