



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

Date: 2013-10-02

Certificate number: **EC23147775 rev. 0**

Our order: 688784  
Our reference: Nicole Javaux France  
Customer number: NLB00033  
Customer order date: 20130923

Your order: **20031150068**  
Your reference:  
Your fax number:  
Your e-mail:

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

Receiver of certificate

Delivery address  
060 Heerenveen  
Kuper 4  
8447 GK Heerenveen

DELIVERY

Lot number: PV3233721430

Quantity: 5

## PRODUCT

Brand: ESAB  
Description: OK Tigrod 16.95 2.0x1000mm 5kg  
Item number: **169520R150**

## CLASSIFICATIONS

EN ISO 14343-A W 18 8 Mn  
Werkstoffnummer ~1.4370

## CHEMICAL COMPOSITION

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

Wire/strip

Auxiliary:

|    |       |
|----|-------|
| C  | 0.07% |
| Si | 0.8%  |
| Mn | 6.9%  |
| P  | 0.03% |
| S  | 0.02% |
| Cr | 18.6% |
| Ni | 7.7%  |
| Mo | 0.2%  |
| Cu | 0.2%  |

## 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> |
| 450 MPa      | 630 MPa   | 41 %         |

### IMPACT

|             |           |
|-------------|-----------|
| <u>Temp</u> | <u>KV</u> |
| -60 °C      | 56 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