



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

Date: 2011-04-04

Certificate number: EC21937143 rev. 0

Our order: 15474382  
Our reference: Westerman Jolanda  
Customer number: 30077244  
Customer order date: 20110323

Your order: 20030958289  
Your reference:  
Your fax number:  
Your e-mail:

Invoice address  
ZEVIJ B.V. LASAULEC CENTRAAL HVEEN  
Lidnr. 400  
POSTBUS 447  
4900 AK OOSTERHOUT  
Netherlands

Receiver of certificate

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

DELIVERY

Lot number: PV110025407B

Quantity: 2016 KG

**PRODUCT**

Brand: ESAB  
Description: OK AristoRod 12.50 1.2mm 18kg  
Item number: 1A50126910

**CHEMICAL COMPOSITION**

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

**CLASSIFICATIONS**

EN ISO 14341-A G 38 2 C G3Si1  
EN ISO 14341-A G 42 4 M G3Si1  
EN ISO 14341-A G3Si1  
SFA/AWS A5.18 ER70S-6  
CAN/CSA-ISO 14341 B-G 49A 3 C G6  
JIS Z 3312 G49A0C12 (valid for items ending with  
JIS Z 3312 YGW 12 (C1), JQCN09005 (valid for

Wire/strip

Auxiliary:

|       |         |
|-------|---------|
| C     | 0.07%   |
| Si    | 0.93%   |
| Mn    | 1.51%   |
| P     | 0.011%  |
| S     | 0.012%  |
| Cr    | 0.07%   |
| Ni    | 0.04%   |
| Mo    | 0.01%   |
| Cu    | 0.07%   |
| V     | < 0.01% |
| Al    | 0.004%  |
| Ti+Zr | 0.01%   |

**MECHANICAL PROPERTIES**

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

Standard: EN  
Auxiliary: M21  
Condition:

**TENSILE**

|            |           |              |
|------------|-----------|--------------|
| <u>ReL</u> | <u>Rm</u> | <u>A4-A5</u> |
| 470 MPa    | 560 MPa   | 26 %         |

**IMPACT**

|             |           |
|-------------|-----------|
| <u>Temp</u> | <u>KV</u> |
| -30 °C      | 70 J      |
| -40 °C      | 60 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

Josef Mysak Quality Manager

Validation - Others

Per-Erik Andersson Product Manager