



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

Date: 2013-07-25

Certificate number: EC23051760 rev. 0

Our order: 647433  
Our reference: Line Cambien France  
Customer number: NLB00152  
Customer order date: 20130711

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

Invoice address  
ZEVJ B.V. LASAULEC CENTRAAL HVEEN  
POSTBUS 447  
4800 AK OOSTERHOUT

Receiver of certificate

Delivery address  
LASAULEC CENTRAAL B.V.  
Licht. 400  
KUPER 2  
8447 GK HEEFENVEEN

DELIVERY

Lot number: PV325311124X

Quantity: 56

## PRODUCT

Brand: ESAB  
Description: OK Autrod 12.55 1.2mm 18kg  
Item number: 1256127710

## CLASSIFICATIONS

EN ISO 14341-A G3S1  
EN ISO 14341-A G382 C1 3S1  
EN ISO 14341-A G423 M21 3S1

## MECHANICAL PROPERTIES

Typical data  
acc to EN 10204 - 2.2

Standard: EN  
Auxiliary: M21  
Condition:

### TENSILE

ReL Rm A4-A5  
440 MPa 530 MPa 26 %

### IMPACT

Temp KV  
-30 °C 70 J

## CHEMICAL COMPOSITION

Actual results  
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

|       |        |
|-------|--------|
| C     | 0.07%  |
| Si    | 0.84%  |
| Mn    | 1.54%  |
| P     | 0.013% |
| S     | 0.019% |
| Cr    | 0.04%  |
| N     | 0.02%  |
| Mo    | <0.01% |
| Cu    | 0.13%  |
| V     | <0.01% |
| Al    | <0.01% |
| Ti+Zr | 0.01%  |

## 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

Per-Erik Andersson

Product Manager