



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

Date: 2011-05-09

Certificate number: EC21976036 rev. 0

Our order: 15477230  
Our reference: Westerman Jolanda  
Customer number: 30077244  
Customer order date: 20110331

Your order: 20030960166  
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: PV117764723X

Quantity: 1008 KG

PRODUCT

Brand: ESAB  
Description: OK Autrod 12.56 1.0mm 18kg  
Item number: 1256107710

CLASSIFICATIONS

EN ISO 14341-A G 42 3 M G3Si1  
EN ISO 14341-A G3Si1  
EN ISO 14341-A G38 2 C G3Si1

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> |
|------------|-----------|--------------|
| 440 MPa    | 530 MPa   | 26 %         |

IMPACT

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

CHEMICAL COMPOSITION

Actual results  
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

|       |         |
|-------|---------|
| C     | 0.07%   |
| Si    | 0.84%   |
| Mn    | 1.49%   |
| P     | 0.014%  |
| S     | 0.008%  |
| Cr    | 0.04%   |
| Ni    | 0.01%   |
| Mo    | 0.01%   |
| Cu    | 0.10%   |
| 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

Josef Mysak

Quality Manager

Validation - Others

Per-Erik Andersson

Product Manager