



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

Date: 2013-05-02

Certificate number: **EC22924652 rev. 0**

Our order:

Your order:

Our reference:

Your reference:

Customer number: **NLB00152**

Your fax number:

Customer order date:

Your e-mail:

Invoice address

Receiver of certificate

Delivery address

ZEVIJ B.V. LASAULEC CENTRAAL
HEERENVEEN

DELIVERY

Lot number: **PV814382542B**

Quantity:

PRODUCT

Brand: **ESAB**
Description: **OK AristoRod 69 1.2mm 18kg**
Item number: **1B29126910**

CLASSIFICATIONS

EN ISO 16834-A **G 69 4 M Mn3Ni1CrMo**
EN ISO 16834-A **G Mn3Ni1CrMo**
SFA/AWS A5.28 **ER110S-G**

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.08%
Si	0.53%
Mn	1.67%
P	0.015%
S	0.008%
Cr	0.31%
Ni	1.33%
Mo	0.23%
Cu	0.03%
Ti	< 0.01%
V	0.06%
Al	< 0.01%
Zr	< 0.01%
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>
730 MPa	800 MPa	19 %

IMPACT

<u>Temp</u>	<u>KV</u>
-40 °C	55 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

Per-Erik Andersson

Product Manager