



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

Date: 2013-04-17

Certificate number: **EC22901690 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: **RB1305134**

Quantity:

PRODUCT

Brand: **ESAB**
Description: **OK Autrod 5183 1.2mm 7kg**
Item number: **1816129870**

CLASSIFICATIONS

SFA/AWS A5.10 **ER5183**
EN ISO 18273 **S Al 5183 (AlMg4,5Mn0,7(A))**

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

Si	0.04%
Mn	0.59%
Cr	0.06%
Cu	< 0.01%
Ti	0.01%
Al	94.0%
Be	< 0.0001%
Fe	0.10%
Mg	4.6%
Zn	< 0.01%

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>
140 MPa	290 MPa	25 %

IMPACT

<u>Temp</u>	<u>KV</u>
+20 °C	30 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

William Hamilton

Quality Assurance Manager

Validation - Others

Michael Spiess

Product Manager