



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

Date: 2012-09-14

Certificate number: EC22599777 rev. 0

Our order: 456255
Our reference: Jolanda Westerman France
Customer number: NLB00152
Customer order date: 20120913

Your order: 20031072828
Your reference:
Your fax number:
Your e-mail:

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

Receiver of certificate

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

DELIVERY

Lot number: PV228041229B

Quantity: 4

PRODUCT

Brand: ESAB
Description: OK Aristorod 69 1.2mm 250kg
Item number: 1B29129320

CLASSIFICATIONS

EN ISO 16834-A G 69 4 M Mn 3 Ni 1 Cr Mo
EN ISO 16834-A G Mn 3 Ni 1 Cr Mo
SFA/AWS A5.28 ER110S-G

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.09%
Si	0.54%
Mn	1.74%
P	0.012%
S	0.011%
Cr	0.32%
Ni	1.32%
Mo	0.21%
Cu	0.02%
Ti	< 0.01%
V	0.08%
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