



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

Date: 2011-07-12

Certificate number: **EC22053068 rev. 0**

Our order: 15518583
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20110708

Your order: **20030981752**
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: PV120610004

Quantity: 1000 KG

PRODUCT

Brand: ESAB
Description: OK Autrod 12.51 1.0mm 250kg
Item number: **1251109320**

CLASSIFICATIONS

EN ISO 14341-A	G 3Si1
EN ISO 14341-A	G 38 2 C1 3Si1
EN ISO 14341-A	G 42 3 M21 3Si1
SFA/AWS A5.18	ER70S-6
CAN/CSA-ISO 14341	B-G 49A 3 C G6

MECHANICAL PROPERTIES

Typical data
acc to EN 10204 - 2.2

Standard: EN
Auxiliary: M21 (EN 439)
Condition:

TENSILE

<u>ReL</u>	<u>Rm</u>	<u>A4-A5</u>
470 MPa	560 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	0.08%
Si	0.89%
Mn	1.43%
P	0.013%
S	0.019%
Cr	0.03%
Ni	0.04%
Mo	0.01%
Cu	0.11%
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