



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

Date: 2012-02-10

Certificate number: EC22323100 rev. 0

Our order: 15550495
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20120210

Your order: 20031026963
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEVIJ B.V. LASAULEC CENTRAAL HVEEN
Lidhr. 400
POSTBUS 447
4800 AK OOSTERHOUT
Netherlands

Receiver of certificate

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

DELIVERY

Lot number: FT20421591

Quantity: 1000 BX

PRODUCT

CHEMICAL COMPOSITION

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

Actual results
acc to EN 10204 - 3.1

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

Wire/strip

Auxiliary:

C	0.07%
Si	0.88%
Mn	1.42%
P	0.011%
S	0.012%
Cr	0.04%
Ni	0.05%
Mo	0.01%
Cu	0.13%
V	0.01%
Al	<0.01%
Ti+Zr	0.01%

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

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

Massimo Gherardi

Quality Assurance Manager

Validation - Others

Per-Erik Andersson

Product Manager