



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

Date: 2011-10-28

Certificate number: EC22196171 rev. 0

Our order: 15534871
Our reference: Westerman Jolanda
Customer number: 30077244
Customer order date: 20111028

Your order: 20031004542
Your reference:
Your fax number:
Your e-mail:

Invoice address
ZEMIJ B.V. LASAULEC CENTRAAL HVEEN
Licht. 400
POSTBUS 447
4900 AK OOSTERHOUT
Netherlands

Receiver of certificate

Delivery address
LASAULEC CENTRAAL B.V.
Licht. 400
KUPER 2
8447 GK HEEFENVEEN
Netherlands

DELIVERY

Lot number: PV138033143B

Quantity: 840 KG

PRODUCT

Brand: ESAB
Description: CK AristRod 12.50 0.8mm 15kg
Item number: 1A50086900

CLASSIFICATIONS

EN ISO 14341-A G3S1
EN ISO 14341-A G38 2 C1 3S1
EN ISO 14341-A G42 4 M21 3S1
SFA/AWS A5.18 ER70S-6
CAN/CSA-ISO 14341 B-G49A3 C G6
JIS Z 3312 G49A0C12 (valid for items ending with
JIS Z 3312 YGW12 (C1), (items ending with H)

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>
470 MPa	560 MPa	26 %

IMPACT

<u>Temp</u>	<u>KV</u>
-30 °C	70 J
-40 °C	60 J

COMMENTS

CHEMICAL COMPOSITION

Actual results
acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.08%
Si	0.92%
Mn	1.53%
P	0.014%
S	0.012%
Cr	0.07%
N	0.03%
Mo	0.01%
Cu	0.06%
V	< 0.01%
Al	0.002%
Ti+Zr	0.01%

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 Macsek

Quality Manager

Validation - Others

Per-Erik Andersson

Product Manager