



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

Date: 2013-11-20

Certificate number: EC23228514 rev. 0

Our order: 721046
Our reference: Nicole Javaux France
Customer number: NLB00152
Customer order date: 20131107

Your order: 20031159620
Your reference:
Your fax number:
Your e-mail:

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

Receiver of certificate

Delivery address
975 Lasaulec ADC
Kuper 2
8447 GK Heerenveen

DELIVERY

Lot number: PV342060247X

Quantity: 56

PRODUCT

Brand: ESAB
Description: OK Autrod 12.56 1.0mm 18kg
Item number: 1256107710

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

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>
440 MPa	530 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	0.84%
Mn	1.49%
P	0.013%
S	0.016%
Cr	0.04%
Ni	0.02%
Mo	< 0.01%
Cu	0.14%
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



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

Date: 2013-11-20

Certificate number: EC23228515 rev. 0

Our order: 721046
Our reference: Nicole Javaux France
Customer number: NLB00152
Customer order date: 20131107

Your order: 20031159620
Your reference:
Your fax number:
Your e-mail:

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

Receiver of certificate

Delivery address
975 Lasaulec ADC
Kuper 2
8447 GK Heerenveen

DELIVERY

Lot number: PV342061448X

Quantity: 56

PRODUCT

Brand: ESAB
Description: OK Autrod 12.56 1.0mm 18kg
Item number: 1256107710

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

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>
440 MPa	530 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	0.07%
Si	0.89%
Mn	1.49%
P	0.013%
S	0.015%
Cr	0.06%
Ni	0.03%
Mo	< 0.01%
Cu	0.12%
V	< 0.01%
Al	< 0.01%
Ti+Zr	0.01%

COMMENTS

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