



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

Date: 2017-02-24

Certificate number:

EC24642301 rev. 0

Our order:

Your order:

Our reference:

Your reference:

Customer number: NLB00152

Your fax number:

Customer order date:

Your e-mail:

Invoice address

Receiver of certificate

Delivery address

ZEVIJ B.V. LASAULEC CENTRAAL HEERENVEEN

DELIVERY

Lot number:

UF64027393

Quantity:

PRODUCT

Brand:

ESAB

Description:

OK Autrod 12.51 1.2mm 18kg

Item number:

1251127710

CLASSIFICATIONS

EN ISO 14341-A: G 3Si1

EN ISO 14341-A: G 38 3 C1 3Si1

EN ISO 14341-A: G 42 4 M21 3Si1

SFA/AWS A5.18: ER70S-6

CAN/CSA-ISO 14341: B-G 49A 3 C1 S6

JIS Z 3312: YGW 12(C1)

MECHANICAL PROPERTIES

Typical data: acc to EN 10204 - 2.2

Standard:

EN

Auxiliary:

M21 (EN ISO 14175)

Condition:

As Welded

TENSILE

ReL

Rm

A4-A5

470 MPa

560 MPa

26 %

IMPACT

Temp

+20 °C

-20 °C

-30 °C

-40 °C

KV

130 J

130 J

90 J

90 J

CHEMICAL COMPOSITION

Actual results: acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C 0.07%

Si 0.85%

Mn 1.46%

P 0.015%

S 0.018%

Cr 0.02%

Ni 0.02%

Mo 0.01%

Cu 0.07%

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

Eduardo Asta

Quality Manager

Validation - Others

Mikael Mimer

Product Manager