



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

Date: 2013-07-11

Certificate number: **EC23031767 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: F811C2K300

Quantity:

PRODUCT

Brand: ESAB
Description: Shield-Bright 309L X-tra 1.2mm
Item number: **35CX12248V**

CHEMICAL COMPOSITION

**Actual results
acc to EN 10204 - 3.1**

All weld metal

Auxiliary:

CLASSIFICATIONS

SFA/AWS A5.22	E309LT0-1
SFA/AWS A5.22	E309LT0-4
JIS Z 3323	YF 309LC - KR
KS D 3612	YF 309LC - KR
EN ISO 17633-A	T 23 12 L R C 3
EN ISO 17633-A	T 23 12 L R M 3

C	0.03%
Si	0.9%
Mn	1.1%
P	0.02%
S	0.01%
Cr	24.6%
Ni	12.5%
Mo	< 0.1%
Cu	< 0.1%

MECHANICAL PROPERTIES

**Typical data
acc to EN 10204 - 2.2**

Standard:

Auxiliary:

Condition:

TENSILE

<u>Rp0.2</u>	<u>Rm</u>	<u>A5</u>
480 MPa	600 MPa	35 %

IMPACT

<u>Temp</u>	<u>KV</u>
+20 °C	40 J
-110 °C	32 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

Christos Skodras

Quality Assurance Manager

Validation - Others

Neil Farrow

Product Manager