



KEURINGSRAPPORT (3.1) - Chemische samenstelling  
FABRIEKS CONTROLE ATTEST (2.2) - Mechanische eigenschappen/  
INSPECTION CERTIFICATE (3.1) - Chemical analysis  
TEST REPORT (2.2) - Mechanical properties

Datum/Date: 2013-12-04

Certificaat nummer/Cert no: EC23248375 rev. 0

ESAB ordernummer/Our order: 736976  
ESAB referentie/Our ref: Nicole Javaux France  
Klantnummer/Cust no: NLB00152  
Orderdatum/Your date: 20131119

Ordernummer/Your order: Various  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

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

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address  
LASAULEC CENTRAAL B.V.  
Lidnr. 400  
KUPER 2  
8447 GK HEERENVEEN  
Netherlands

LEVERING/DELIVERY

Lotnummer/Lot no:

PV347061969

Hoeveelheid/Quantity:

4 CT

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK Autrod 12.51 1.0mm 250kg  
Artikelnummer/Item no: 1251109320

**CHEMISCHE SAMENSTELLING/  
CHEMICAL COMPOSITION**

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

**CLASSIFICATIES/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 C G6

Wire/strip

Overige/Auxiliary:

|       |        |
|-------|--------|
| C     | 0.07%  |
| Si    | 0.84%  |
| Mn    | 1.47%  |
| P     | 0.015% |
| S     | 0.015% |
| Cr    | 0.06%  |
| Ni    | 0.02%  |
| Mo <  | 0.01%  |
| Cu    | 0.12%  |
| V <   | 0.01%  |
| Al <  | 0.01%  |
| Ti+Zr | 0.01%  |

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS**

**Typical data**

**acc to EN 10204 - 2.2**

Norm/Standard: EN  
Overige/Auxiliary: M21 (EN 439)  
Toestand/Condition:

**TREKPROEF/TENSILE**

|            |           |              |
|------------|-----------|--------------|
| <u>ReL</u> | <u>Rm</u> | <u>A4-A5</u> |
| 470 MPa    | 560 MPa   | 26 %         |

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

**OPMERKINGEN/COMMENTS**

Product geleverd volgens een QA systeem welke voldoet aan de ISO 9001 norm.  
Dit certificaat is elektronisch aangemaakt en geldig zonder ondertekening.  
Voor vragen:

**Esab Nederland BV - P.O. Box 2236 , 3800 CE Amersfoort , Nederland**

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: (see above)

Validation - Chemical Analysis

Milan Macek

Quality Manager

Validation - Others

Per-Erik Andersson

Product Manager