



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: 2019-03-25

Certificaat nummer/Cert no:

EC25532330 rev. 0

ESAB ordernummer/Our order: 2198239  
ESAB referentie/Our ref: Zsófia Szemes  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20190222

Ordernummer/Your order: 20031527158  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

Faktuuradres/Invoice address  
ZEVIJ BV LASAULEC HEERENVEEN  
POSTBUS 447  
4900 AK OOSTERHOUT  
Netherlands

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address  
LASAULEC HEERENVEEN  
KUPER 4  
LIDNR 403  
8447 GK HEERENVEEN  
Netherlands

LEVERING/DELIVERY

Lotnummer/Lot no:

PVT06019316B

Hoeveelheid/Quantity:

1 RL

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK AristoRod 13.09 1.2mm 18kg  
Artikelnummer/Item no: **1B09126910**

**CHEMISCHE SAMENSTELLING/  
CHEMICAL COMPOSITION**

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

**CLASSIFICATIES/CLASSIFICATIONS**

EN ISO 14341-A: G 2Mo  
EN ISO 14341-A: G 38 0 C1 2Mo  
EN ISO 14341-A: G 46 2 M21 2Mo  
EN ISO 21952-A: G MoSi  
EN ISO 21952-B: G 1M3  
SFA/AWS A5.28: ER70S-A1 (ER80S-G)

Wire/strip

Overige/Auxiliary:

|       |         |
|-------|---------|
| C     | 0.10%   |
| Si    | 0.66%   |
| Mn    | 1.13%   |
| P     | 0.015%  |
| S     | 0.005%  |
| Cr    | 0.06%   |
| Ni    | 0.01%   |
| Mo    | 0.47%   |
| Cu    | 0.04%   |
| Al    | < 0.01% |
| Co    | 0.01%   |
| Ti+Zr | 0.005%  |
|       | 0.01%   |

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPERTIES**

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

Norm/Standard: EN  
Overige/Auxiliary: M21  
Toestand/Condition: As Welded

**TREKPROEF/TENSILE**

|              |            |           |           |          |
|--------------|------------|-----------|-----------|----------|
| <u>Rp0.2</u> | <u>ReL</u> | <u>Rm</u> | <u>A5</u> | <u>Z</u> |
| 515 MPa      | 515 MPa    | 630 MPa   | 26 %      | 68 %     |

**KERFSLAGWAARDE/IMPACT**

|             |        |        |        |
|-------------|--------|--------|--------|
| <u>Temp</u> | +20 °C | -20 °C | -40 °C |
| <u>KV</u>   | 117 J  | 75 J   | 57 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

Josef Moravek

Quality Manager

Validation - Others

Jose Abal Lopez,H. Rasmuson

Product Manager,