



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: 2020-10-08

Certificaat nummer/Cert no:

EC26181284 rev. 0

ESAB ordernummer/Our order: 0002549566  
ESAB referentie/Our ref: Enikz Fekete  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20201007

Ordernummer/Your order: 20031631994  
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:

PVU405593050

Hoeveelheid/Quantity:

100 KGM

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tigrod 316LSi 2.0x1000 5kg  
Artikelnummer/Item no: 163220R150

**CHEMISCHE SAMENSTELLING/  
CHEMICAL COMPOSITION**

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

Wire/strip

Overige/Auxiliary:

|            |        |
|------------|--------|
| C          | 0.01%  |
| Si         | 0.82%  |
| Mn         | 1.6%   |
| P          | 0.01%  |
| S          | 0.01%  |
| Cr         | 18.5%  |
| Ni         | 12.2%  |
| Mo         | 2.6%   |
| Cu         | 0.11%  |
|            | 0.038% |
| Ferrite FN | 8      |

**CLASSIFICATIES/CLASSIFICATIONS**

EN ISO 14343-A: W 19 12 3 L Si  
SFA/AWS A5.9: ER316LSi  
Werkstoffnummer: ~1.4430

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS**

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

Norm/Standard:

Overige/Auxiliary:

Toestand/Condition:

**TREKPROEF/TENSILE**

|              |           |              |
|--------------|-----------|--------------|
| <u>Rp0.2</u> | <u>Rm</u> | <u>A4-A5</u> |
| 450 MPa      | 600 MPa   | 35 %         |

**KERFSLAGWAARDE/IMPACT**

|             |        |         |         |
|-------------|--------|---------|---------|
| <u>Temp</u> | +20 °C | -110 °C | -196 °C |
| <u>KV</u>   | 175 J  | 150 J   | 110 J   |

**OPMERKINGEN/COMMENTS**

Typical data Impact (KV at -196 °C) 110 J

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

Per-Ake Bjornstedt