



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: 2018-10-19

Certificaat nummer/Cert no:

EC25349893 rev. 0

ESAB ordernummer/Our order: 2077609  
ESAB referentie/Our ref: Nicole Javaux France  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20181018

Ordernummer/Your order: 20031496883  
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:

PVS345520630

Hoeveelheid/Quantity:

25 KGM

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tigrod 316LSi 1.0x1000 5kg  
Artikelnummer/Item no: 163210R150

**CHEMISCHE SAMENSTELLING/  
CHEMICAL COMPOSITION**

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

Wire/strip

Overige/Auxiliary:

|    |        |
|----|--------|
| C  | 0.01%  |
| Si | 0.74%  |
| Mn | 1.8%   |
| P  | 0.02%  |
| S  | 0.01%  |
| Cr | 18.4%  |
| Ni | 12.0%  |
| Mo | 2.5%   |
| Cu | 0.10%  |
|    | 0.040% |

**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**

Rp0.2     Rm     A4-A5  
450 MPa    600 MPa    35 %

**KERFSLAGWAARDE/IMPACT**

Temp     +20 °C   -110 °C   -196 °C  
KV        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

Jay Coubrough

Product Manager