



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: 2022-10-14

Certificaat nummer/Cert no: EC26943471 rev. 0

ESAB ordernummer/Our order: 0100620213  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20221012

Ordernummer/Your order: 20031770783  
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  
HEERENVEEN  
8447 GK HEERENVEEN  
Netherlands

LEVERING/DELIVERY

Lotnummer/Lot no:

PVW2911518

Hoeveelheid/Quantity: 25 KGM

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tigrod 316LSi 1.0x1000 5kg  
Artikelnummer/Item no: **163210R150**  
Heat No/Heat number: **273118**

**CLASSIFICATIES/CLASSIFICATIONS**

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

**CHEMISCHE SAMENSTELLING/  
CHEMICAL COMPOSITION**

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

Wire/strip

Overige/Auxiliary:

|    |        |
|----|--------|
| C  | 0.016% |
| Si | 0.65%  |
| Mn | 1.76%  |
| P  | 0.016% |
| S  | 0.017% |
| Cr | 18.14% |
| Ni | 11.30% |
| Mo | 2.51%  |
| Cu | 0.08%  |
| N  | 0.063% |

**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>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