



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: 2021-02-09

Certificaat nummer/Cert no: EC26316908 rev. 0

ESAB ordernummer/Our order: 0100198777  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20210205

Ordernummer/Your order: 20031656778  
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:

PVV020728370

Hoeveelheid/Quantity: 25 KGM

## PRODUCT/PRODUCT

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tigrod 316LSi 1.2x1000 5kg  
Artikelnummer/Item no: 163212R150

## 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   |

## CHEMISCHE SAMENSTELLING/ CHEMICAL COMPOSITION

Actual results: acc to EN 10204 - 3.1

### Wire/strip

Overige/Auxiliary:

|            |        |
|------------|--------|
| C          | 0.01%  |
| Si         | 0.83%  |
| Mn         | 1.9%   |
| P          | 0.01%  |
| S          | 0.01%  |
| Cr         | 18.4%  |
| Ni         | 11.1%  |
| Mo         | 2.6%   |
| Cu         | 0.15%  |
| N          | 0.071% |
| Ferrite FN | 9      |

## 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