



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: 2023-02-07

Certificaat nummer/Cert no: EC27051960 rev. 0

ESAB ordernummer/Our order: 0100698872

Ordernummer/Your order: 20031790809

ESAB referentie/Our ref: M3PRD020

Referentie/Your ref:

Klantnummer/Cust no: NLB00033

Faxnummer/Your fax:

Orderdatum/Your date: 20230203

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:

PVW5010757

Hoeveelheid/Quantity: 150 KGM

## PRODUCT/PRODUCT

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tigrod 316LSi 1.6x1000 5kg  
Artikelnummer/Item no: **163216R150**  
Heat No/Heat number: **274073**

## 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         | 0.014% |
| Si        | 0.66%  |
| Mn        | 1.73%  |
| P         | 0.019% |
| S         | 0.016% |
| Cr        | 18.53% |
| Ni        | 11.50% |
| Mo        | 2.58%  |
| Cu        | 0.16%  |
| N         | 0.065% |
| Co        | 0.12%  |
| FN WRC-92 | 8%     |

## 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