



Inspectiecertificaat (3.1) - Chemische analyse  
Testrapport (2.2) - Mechanische eigenschappen  
INSPECTION CERTIFICATE (3.1) - Chemical analysis  
TEST REPORT (2.2) - Mechanical properties

Datum/Date 2024-05-03

Certificaat nummer/Cert no: EC27511681 rev. 0

ESAB ordernummer/Our order: 0101017348  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20240502

Ordernummer/Your order: 20031869187  
Referentie/Your ref:  
Faxnummer/Your fax:  
E-mail adres/Your e-mail:

Faktuuraadres/Invoice address

ZEVIJ-NECOMIJ BV  
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:

PVY1510504

Hoeveelheid/Quantity: 10 KGM

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tigrod 316LSi 1.2x1000 5kg  
Artikelnummer/Item no: 163212R150  
Heat No/Heat number: E232252  
Hoeveelheid/Quantity: 10 KGM

**CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS**

Actual results: acc to EN 10204 - 3.1

| Wire/strip |       |
|------------|-------|
| C          | 0.01% |
| Si         | 0.7%  |
| Mn         | 1.8%  |
| P          | 0.02% |
| S          | 0.01% |
| Cr         | 18.3% |
| Ni         | 11.9% |
| Mo         | 2.5%  |
| Cu         | 0.1%  |
| N          | 0.06% |
| FN WRC-92  | 7     |

**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

**Tensile**

| Standard | Shielding Gas | Condition | Rp0.2 [MPa/ksi] | Rm [MPa/ksi] | A5 [%] |
|----------|---------------|-----------|-----------------|--------------|--------|
| EN ISO   | I1            | As welded | 500/73          | 630/91       | 33     |

**Impact**

| Standard | Shielding Gas | Condition | Temp [°C/°F] | KV[J/ft-lb] |
|----------|---------------|-----------|--------------|-------------|
| EN ISO   | I1            | As welded | +20/68       | 175/129     |
| EN ISO   | I1            | As welded | -110/-166    | 110/81      |
| EN ISO   | I1            | As welded | -196/-321    | 90/66       |

A4, A5 = Elongation  
ReH = Upper Yield Point  
ReL = Lower Yield Point  
Rm = Ultimate Tensile Strength  
Rp0.2 = Yield Strength 0.2 offset  
Rp1.0 = Yield Strength 1.0 offset

**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.

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.

Please refer any queries to: (see above)

Geldigheid/Validation

Josef Moravek

Quality Manager

Per Ake Bjornstedt

Product Manager