



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

Datum/Date 2024-06-12

Certificaat nummer/Cert no: EC27552259 rev. 0

ESAB ordernummer/Our order: 0101045057  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20240612

Ordernummer/Your order: 20031875397  
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:

PVY0311309

Hoeveelheid/Quantity: 10 KGM

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tigrod 309LSi 1.6x1000 5kg  
Artikelnummer/Item no: 165116R150  
Heat No/Heat number: 373272  
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          | 0.021% |
| S          | 0.003% |
| Cr         | 23.1%  |
| Ni         | 13.5%  |
| Mo         | 0.2%   |
| Nb         | 0.03%  |
| Cu         | 0.2%   |
| N          | 0.07%  |
| FN WRC-92  | 10     |

**CLASSIFICATIES/CLASSIFICATIONS**

EN ISO 14343-A: W 23 12 L Si  
SFA/AWS A5.9: ER309LSi

**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 | 475/69          | 610/88       | 35     |

**Impact**

| Standard | Shielding Gas | Condition | Temp [°C/°F] | KV[J/ft-lb] |
|----------|---------------|-----------|--------------|-------------|
| EN ISO   | I1            | As Welded | +20/68       | 185/136     |
| EN ISO   | I1            | As Welded | 0/32         | 155/114     |
| EN ISO   | I1            | As Welded | -110/-166    | 130/96      |

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**

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