



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

Datum/Date 2024-10-22

Certificaat nummer/Cert no: EC27675585 rev. 0

ESAB ordernummer/Our order: 0101131615  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20241021

Ordernummer/Your order: 20031895995  
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: PVY3012006

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK Autrod 316LSi 1.6mm 15kg  
Artikelnummer/Item no: 1632169820  
Heat No/Heat number: E240830  
Hoeveelheid/Quantity: 1 RL

**CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS**

Actual results: acc to EN 10204 - 3.1

| Wire/strip |        |
|------------|--------|
| C          | 0.01%  |
| Si         | 0.7%   |
| Mn         | 1.8%   |
| P          | 0.020% |
| S          | 0.012% |
| Cr         | 18.2%  |
| Ni         | 12.2%  |
| Mo         | 2.6%   |
| Cu         | 0.2%   |
| FN WRC-92  | 6      |

**CLASSIFICATIES/CLASSIFICATIONS**

EN ISO 14343-A: G 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   | M12           | As welded | 400/58          | 560/81       | 37     |

**Impact**

| Standard | Shielding Gas | Condition | Temp [°C/°F] | KV[J/ft-lb] | LE [mm/mils]  |
|----------|---------------|-----------|--------------|-------------|---------------|
| EN ISO   | M12           | As welded | +20/68       | 120/89      | Not Available |
| EN ISO   | M12           | As welded | -60/-76      | 95/70       | Not Available |
| EN ISO   | M12           | As welded | -110/-166    | 70/52       | Not Available |
| EN ISO   | M12           | As welded | -196/-321    | 45/33       | 0.42/17       |

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