



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

Datum/Date 2025-02-19

Certificaat nummer/Cert no: EC27783384 rev. 0

ESAB ordernummer/Our order: 0101209244  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20250217

Ordernummer/Your order: 20031915204  
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:

PVY4812189

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK AristoRod 69 1.2mm 18kg  
Artikelnummer/Item no: 1B29126910  
Heat No/Heat number: 43376  
Hoeveelheid/Quantity: 3 RL

**CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS**

Actual results: acc to EN 10204 - 3.1

Wire/strip

|       |         |
|-------|---------|
| C     | 0.09%   |
| Si    | 0.59%   |
| Mn    | 1.64%   |
| P     | 0.013%  |
| S     | 0.004%  |
| Cr    | 0.32%   |
| Ni    | 1.45%   |
| Mo    | 0.27%   |
| Cu    | 0.04%   |
| Ti    | < 0.01% |
| V     | 0.07%   |
| Al    | < 0.01% |
| Zr    | < 0.01% |
| Ti+Zr | < 0.01% |

**CLASSIFICATIES/CLASSIFICATIONS**

EN ISO 16834-A: G 69 4 M20 Mn3Ni1CrMo  
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EN ISO 16834-A: G Mn3Ni1CrMo  
SFA/AWS A5.28: ER110S-G

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS**

Typical data: acc to EN 10204 - 2.2

**Tensile**

| Standard | Shielding Gas | Condition | ReL [MPa/ksi] | Rm [MPa/ksi] | A5 [%] |
|----------|---------------|-----------|---------------|--------------|--------|
| EN       | M21           | As Welded | 730/106       | 800/116      | 19     |

**Impact**

| Standard | Shielding Gas | Condition | Temp [°C/°F] | KV[J/ft-lb] |
|----------|---------------|-----------|--------------|-------------|
| EN       | M21           | As Welded | -40/-40      | 60/44       |

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)

Raj Kumar Singh

Geldigheid/Validation

Josef Moravek

Quality Manager

Raj Kumar Singh

Product Manager