



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

Datum/Date 2025-07-29

Certificaat nummer/Cert no: EC27944177 rev. 0

ESAB ordernummer/Our order: 0101322086  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20250725

Ordernummer/Your order: INK0024475  
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  
LIDNR 403  
8447 GK HEERENVEEN  
Netherlands

LEVERING/DELIVERY Lotnummer/Lot no: PVZ0512290

**PRODUCT/PRODUCT**

Merk/Brand: ESAB  
Omschrijving/Desc: OK Tigrod 5183 1.6x1000 2.5kg  
Artikelnummer/Item no: 181616R152  
Heat No/Heat number: E250015  
Hoeveelheid/Quantity: 2 CT

**CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS**

Actual results: acc to EN 10204 - 3.1

| Wire/strip |       |
|------------|-------|
| Si         | 0.03% |
| Mn         | 0.56% |
| Cr         | 0.06% |
| Cu         | 0.01% |
| Ti         | 0.01% |
| Al         | 94.1% |
| Fe         | 0.12% |
| Mg         | 5.1%  |
| Zn         | 0.01% |

**CLASSIFICATIES/CLASSIFICATIONS**

SFA/AWS A5.10: R5183  
EN ISO 18273: S Al 5183 (AlMg4,5Mn0,7(A))

**MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS**

Typical data: acc to EN 10204 - 2.2

**Tensile**

| Rp0.2 [MPa/ksi] | Rm [MPa/ksi] | A4-A5 [%] |
|-----------------|--------------|-----------|
| 140/20          | 290/42       | 25        |

**Impact**

| Temp [°C/°F] | KV[J/ft-lb] |
|--------------|-------------|
| +20/68       | 30/22       |

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

Joe Cacioppo