



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

Datum/Date 2025-03-04

Certificaat nummer/Cert no: EC27796994 rev. 0

ESAB ordernummer/Our order: 0101219966  
ESAB referentie/Our ref: M3PRD020  
Klantnummer/Cust no: NLB00033  
Orderdatum/Your date: 20250303

Ordernummer/Your order: 20031917734  
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:

PNZ0411763

**PRODUCT/PRODUCT**

Merk/Brand: Filarc  
Omschrijving/Desc: FILARC PZ6113 1.2mm 4x5kg  
Artikelnummer/Item no: 2619125600  
Hoeveelheid/Quantity: 6 CT

**CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS**

Actual results: acc to EN 10204 - 3.1

|                |        |
|----------------|--------|
| All weld metal |        |
| Shielding Gas: | M21    |
| C              | 0.05%  |
| Si             | 0.63%  |
| Mn             | 1.3%   |
| P              | 0.013% |
| S              | 0.015% |
| Cr             | < 0.1% |
| Ni             | < 0.1% |
| Mo             | < 0.1% |
| Nb             | 0.01%  |
| Cu             | 0.04%  |
| V              | 0.03%  |

**CLASSIFICATIES/CLASSIFICATIONS**

SFA/AWS A5.20: E71T-1C H4  
SFA/AWS A5.20: E71T-1M H8  
EN ISO 17632-A: T 42 3 P C1 1 H5  
EN ISO 17632-A: T 46 4 P M21 1 H5  
EN ISO 17632-A: T 46 4 P M24 1 H5

**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   | M21           | As welded | 535/78          | 601/87       | 25.4   |

**Impact**

| Standard | Shielding Gas | Condition | Temp [°C/°F] | KV[J/ft-lb] |
|----------|---------------|-----------|--------------|-------------|
| EN ISO   | M21           | As welded | -40/-40      | 70/52       |

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

Piotr Grela

Quality Manager

Neil Farrow

Product Manager