



KEURINGSRAPPORT (3.1) - Chemische samenstelling  
FABRIEKS CONTROLE ATTEST (2.2) - Mechanische eigenschappen/  
INSPECTION CERTIFICATE (3.1) - Chemical analysis  
TEST REPORT (2.2) - Mechanical properties

Datum/Date: 2022-11-30

Certificaat nummer/Cert no: EC26990869 rev. 0

ESAB ordernummer/Our order: 0100655340

Ordernummer/Your order: 20031779668

ESAB referentie/Our ref: M3PRD020

Referentie/Your ref:

Klantnummer/Cust no: NLB00033

Faxnummer/Your fax:

Orderdatum/Your date: 20221130

E-mail adres/Your e-mail:

Faktuuradres/Invoice address  
ZEVIJ BV LASAULEC HEERENVEEN  
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:

SFW1910684

Hoeveelheid/Quantity: 4455 PCE

## PRODUCT/PRODUCT

Merk/Brand: Filarc  
Omschrijving/Desc: FILARC 48 3.2x350mm  
Artikelnummer/Item no: **4772323004**

## CLASSIFICATIES/CLASSIFICATIONS

SFA/AWS A5.1: E6013  
EN ISO 2560-A: E 42 0 RC 11

## CHEMISCHE SAMENSTELLING/ CHEMICAL COMPOSITION

**Actual results: acc to EN 10204 - 3.1**

### All weld metal

Overige/Auxiliary:

|    |        |
|----|--------|
| C  | 0.07%  |
| Mn | 0.4%   |
| P  | 0.014% |
| S  | 0.008% |
| Cr | < 0.1% |
| Ni | < 0.1% |
| Mo | < 0.1% |
| Nb | 0.01%  |
| Cu | < 0.1% |
| V  | 0.02%  |

## MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

**Typical data: acc to EN 10204 - 2.2**

Norm/Standard:

Overige/Auxiliary:

Toestand/Condition:

### TREKPROEF/TENSILE

|            |           |           |
|------------|-----------|-----------|
| <u>ReL</u> | <u>Rm</u> | <u>A5</u> |
| 450 MPa    | 520 MPa   | 26 %      |

### KERFSLAGWAARDE/IMPACT

|             |      |
|-------------|------|
| <u>Temp</u> | 0 °C |
| <u>KV</u>   | 60 J |

## OPMERKINGEN/COMMENTS

Product geleverd volgens een QA systeem welke voldoet aan de ISO 9001 norm.  
Dit certificaat is elektronisch aangemaakt en geldig zonder ondertekening.  
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 and is valid without signature.  
Please refer any queries to: (see above)

### Validation - Chemical Analysis

Balint Banko

Quality Assurance Manager

### Validation - Others

J-P Ernoult

Product Manager