



## INSPECTION CERTIFICATE (3.1) - Chemical analysis TEST REPORT (2.2) - Mechanical properties

Date: 2013-10-29

Certificate number: EC23191830 rev. 0

Our order: 712320  
Our reference: Mariette Villieu  
Customer number: NLB00033  
Customer order date: 20131028

Your order: 20031157219  
Your reference:  
Your fax number:  
Your e-mail:

Invoice address  
ZEVIJ BV LASAULEC CENTRAAL HVEEN  
POSTBUS 447  
4900 AK OOSTERHOUT

Receiver of certificate

Delivery address  
LASAULEC HEERENVEEN  
Lidhr. 403  
KUPER 4  
8447 GK HEERENVEEN

DELIVERY

Lot number: PN339047

Quantity: 56

### PRODUCT

Brand: Filarc  
Description: FILARC PZ6113 1.2mm 16kg  
Item number: 2619127730

### CLASSIFICATIONS

SFA/AWS A5.20 E71T-1C H4  
SFA/AWS A5.20 E71T-1M H8  
EN ISO 17632-A T 42 2 P C 1 H5  
EN ISO 17632-A T 46 2 P M 1 H10

### MECHANICAL PROPERTIES

Typical data  
acc to EN 10204 - 2.2

Standard: EN ISO  
Auxiliary: M21 (EN ISO 14175)  
Condition: As welded

#### TENSILE

|              |           |           |
|--------------|-----------|-----------|
| <u>Rp0.2</u> | <u>Rm</u> | <u>A5</u> |
| 535 MPa      | 601 MPa   | 25.4 %    |

#### IMPACT

|             |           |
|-------------|-----------|
| <u>Temp</u> | <u>KV</u> |
| -20 °C      | 128 J     |

### CHEMICAL COMPOSITION

Actual results  
acc to EN 10204 - 3.1

All weld metal

Auxiliary: C1 (EN ISO 14175)

|    |        |
|----|--------|
| C  | 0.04%  |
| Si | 0.45%  |
| Mn | 1.2%   |
| P  | 0.011% |
| S  | 0.017% |
| Cr | < 0.1% |
| Ni | < 0.1% |
| Mo | < 0.1% |
| Nb | 0.01%  |
| Cu | 0.01%  |
| V  | 0.02%  |

### COMMENTS

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:

**Esab Nederland BV - P.O. Box 2236 , 3800 CE Amersfoort , Nederland**

Validation - Chemical Analysis

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Quality Assurance Manager

Validation - Others

Shaun Studholme

Product Manager