



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

Issued Date: 2023-08-31

Certificate number: EC27259885 rev. 0

Our order:
Our reference: 1050159
Customer number: NLB00033
Customer order date:

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

Invoice address
ZEVIJ BV LASAULEC CENTRAAL HVEEN
ZEVEIJ BV LASAULEC Centraal HVEEN
Postbus447
4900 AK Oosterhout
Netherlands

Receiver of certificate

Delivery address
LASAULEC Heerenveen
Lidnr. 403
Kuper 4
8447 GK Heerenveen

DELIVERY Lot number: SBW0311481

Quantity:

PRODUCT

Brand: Filarc
Description: FILARC 56S 4.0x450mm 1/2 VP
Item number: 57544040G0

CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

All weld metal

C	0.07%
Si	0.44%
Mn	1.33%
P	0.011%
S	0.002%
Cr	0.04%
Ni	0.02%
Mo	< 0.01%
Nb	< 0.01%
Pb	< 0.01%
Ti	0.02%
V	< 0.01%
Al	< 0.01%
As	< 0.01%
Sn	< 0.01%

CLASSIFICATIONS

SFA/AWS A5.1: E7016-1 H4 R
EN ISO 2560-A: E 42 5 B 1 2 H5

MECHANICAL PROPERTIES

Typical data: acc to EN 10204 – 2.2

Tensile

ReL [MPa/ksi]	Rm [MPa/ksi]	A5 [%]
470/68	550/80	30

Impact

Temp [°C/°F]	KV[J/ft-lb]
-45/-49	150/111
-50/-58	140/103

A4, A5 = Elongation
ReH = Upper Yield Point
ReL = Lower Yield Point
Rm = Ultimate Tensile Strength (UTS)
Rp0.2 = Yield Strength 0.2 offset
Rp1.0 = Yield Strength 1.0 offset

COMMENTS

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.
This certificate is produced electronically.
Please refer any queries to:
Esab Nederland BV - P.O. Box 2236, 3800 CE Amersfoort, Nederland

Validation

Ellen Bjorgan

Quality Manager

J-P Ernoult

Product Manager