



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: 2023-03-02

Certificaat nummer/Cert no: EC27076180 rev. 0

ESAB ordernummer/Our order: 0100709099
ESAB referentie/Our ref: M3PRD020
Klantnummer/Cust no: NLB00033
Orderdatum/Your date: 20230217

Ordernummer/Your order: 20031793401
Referentie/Your ref:
Faxnummer/Your fax:
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:

PVX0412178

Hoeveelheid/Quantity: 56 RL

PRODUCT/PRODUCT

Merk/Brand: ESAB
Omschrijving/Desc: OK AristoRod 69 1.0mm 18kg
Artikelnummer/Item no: **1B29106910**
Heat No/Heat number: **16479**

CLASSIFICATIES/CLASSIFICATIONS

EN ISO 16834-A: G 69 4 M20 Mn3Ni1CrMo
EN ISO 16834-A: G 69 4 M21 Mn3Ni1CrMo
EN ISO 16834-A: G Mn3Ni1CrMo
SFA/AWS A5.28: ER110S-G

MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

Norm/Standard: EN
Overige/Auxiliary: M21
Toestand/Condition: As Welded

TREKPROEF/TENSILE

<u>ReL</u>	<u>Rm</u>	<u>A4-A5</u>
730 MPa	800 MPa	19 %

KERFSLAGWAARDE/IMPACT

<u>Temp</u>	-40 °C
<u>KV</u>	60 J

**CHEMISCHE SAMENSTELLING/
CHEMICAL COMPOSITION**

Actual results: acc to EN 10204 - 3.1

Wire/strip

Overige/Auxiliary:

C	0.09%
Si	0.55%
Mn	1.63%
P	0.013%
S	0.007%
Cr	0.32%
Ni	1.40%
Mo	0.27%
Cu	0.02%
Ti	< 0.01%
V	0.06%
Al	< 0.01%
Zr	< 0.01%
Ti+Zr	< 0.01%

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

Josef Moravek

Quality Manager

Validation - Others

H. Rasmuson

Product Manager