



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

Datum/Date: 2023-09-07

Certificaat nummer/Cert no: EC27267046 rev. 0

ESAB ordernummer/Our order: 0100848946
ESAB referentie/Our ref: M3PRD020
Klantnummer/Cust no: NLB00033
Orderdatum/Your date: 20230906

Ordernummer/Your order: 20031826115
Referentie/Your ref:
Faxnummer/Your fax:
E-mail adres/Your e-mail:

Faktuuradres/Invoice address
ZEVU 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:

PVX3011609

Hoeveelheid/Quantity: 4 RL

PRODUCT/PRODUCT

Merk/Brand: ESAB
Omschrijving/Desc: OK AristoRod 13.09 1.2mm 18kg
Artikelnummer/Item no: 1B09126910
Heat No/Heat number: 24580
Hoeveelheid/Quantity: 4 RL

CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip	
C	0.12%
Si	0.56%
Mn	0.98%
P	0.011%
S	0.010%
Cr	0.05%
Ni	0.03%
Mo	0.47%
Cu	0.06%
V	< 0.01%
Al	< 0.01%
Co	0.005%
Ti+Zr	< 0.01%

CLASSIFICATIES/CLASSIFICATIONS

EN ISO 14341-A: G 2Mo
EN ISO 14341-A: G 38 0 C1 2Mo
EN ISO 14341-A: G 46 2 M21 2Mo
EN ISO 21952-A: G MoSi
EN ISO 21952-B: G 1M3
SFA/AWS A5.28: ER70S-A1 (ER80S-G)

MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

Tensile

Standard	Shielding Gas	Condition	Rp0.2 [MPa/ksi]	ReL [MPa/ksi]	Rm [MPa/ksi]	A5 [%]	Z
EN	M21	As Welded	515/75	515/75	630/91	26	68

Impact

Standard	Shielding Gas	Condition	Temp [°C/°F]	KV[J/ft-lb]
EN	M21	As Welded	+20/68	117/86
EN	M21	As Welded	-20/-4	75/55
EN	M21	As Welded	-40/-40	57/42

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

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

Josef Moravek

Quality Manager

Helene Rasmuson

Product Manager