



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

Datum/Date 2025-05-27

Certificaat nummer/Cert no: EC27883104 rev. 0

ESAB ordernummer/Our order: 0101278425
ESAB referentie/Our ref: M3PRD020
Klantnummer/Cust no: NLB00033
Orderdatum/Your date: 20250523

Ordernummer/Your order: INK0012351
Referentie/Your ref:
Faxnummer/Your fax:
E-mail adres/Your e-mail:

Faktuuraadres/Invoice address

ZEVIJ-NECOMIJ BV
POSTBUS 447
4900 AK OOSTERHOUT
Netherlands

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address

Centraal magazijn
K#fffdper 2
Heerenveen
8447 GK Heerenveen
Netherlands

LEVERING/DELIVERY Lotnummer/Lot no: PVZ0512610

PRODUCT/PRODUCT

Merk/Brand: ESAB
Omschrijving/Desc: OK AristoRod 55 1.0mm 18kg
Artikelnummer/Item no: 1B13106910
Heat No/Heat number: 43810
Hoeveelheid/Quantity: 1 RL

CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip

C	0.13%
Si	0.72%
Mn	1.37%
P	0.012%
S	0.004%
Cr	0.54%
Ni	0.56%
Mo	0.18%
Cu	0.04%
Ti	< 0.01%
V	< 0.01%
Al	< 0.01%
Zr	< 0.01%

CLASSIFICATIES/CLASSIFICATIONS

EN ISO 16834-A: G 55 4 M20 Mn3NiCrMo
EN ISO 16834-A: G 55 4 M21 Mn3NiCrMo
EN ISO 16834-A: G Mn3NiCrMo
SFA/AWS A5.28: ER100S-G

MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

Tensile

Standard	Shielding Gas	ReL [MPa/ksi]	Rm [MPa/ksi]	A5 [%]
EN	M21	690/100	770/112	20

Impact

Standard	Shielding Gas	Temp [°C/°F]	KV[J/ft-lb]
EN	M21	-60/-76	50/37

A4, A5 = Elongation
ReH = Upper Yield Point
ReL = Lower Yield Point
Rm = Ultimate Tensile Strength
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

Raj Kumar Singh

Product Manager