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

Datum/Date 2025-03-19

Certificaat nummer/Cert no: EC27813863 rev. 0

ESAB ordernummer/Our order: 0101230351
ESAB referentie/Our ref: M3PRD020
Klantnummer/Cust no: NLB00033
Orderdatum/Your date: 20250317

Ordernummer/Your order: 20031919952
Referentie/Your ref:
Faxnummer/Your fax:
E-mail adres/Your e-mail:

Faktuuradres/Invoice address
ZEVIJ-NECOMIJ BV
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: PVZ0811484

PRODUCT/PRODUCT

Merk/Brand: ESAB
Omschrijving/Desc: OK Autrod 12.64 1.0mm 18kg
Artikelnummer/Item no: 1264107710
Heat No/Heat number: 49192
Hoeveelheid/Quantity: 10 RL

CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip	
C	0.06%
Si	0.94%
Mn	1.66%
P	0.011%
S	0.010%
Cr	0.02%
Ni	0.01%
Mo	< 0.01%
Cu	0.09%
V	< 0.01%
Al	< 0.01%
Ti+Zr	0.01%

CLASSIFICATIES/CLASSIFICATIONS

EN ISO 636-A: W 46 3 4Si1
EN ISO 636-A: W4Si1
EN ISO 14341-A: G 4Si1
EN ISO 14341-A: G 42 3 C1 4Si1
EN ISO 14341-A: G 46 5 M20 4Si1
EN ISO 14341-A: G 46 5 M21 4Si1
SFA/AWS A5.18: ER70S-6

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	490/71	590/86	29

Impact

Standard	Shielding Gas	Temp [°C/°F]	KV[J/ft-lb]
EN	M21	+20/68	130/96
EN	M21	-20/-4	120/89
EN	M21	-30/-22	100/74
EN	M21	-40/-40	90/66
EN	M21	-50/-58	80/59

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)

Raj kumar Singh

Geldigheid/Validation

Josef Moravek	Quality Manager	Raj Kumar Singh	Product Manager