



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

Issued Date: 2025-03-04

Certificate number: EC27796852 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
ZEVIEIJ 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: PVY4211524

PRODUCT

Brand: ESAB
Description: OK AristoRod 12.50 1.0mm 18kg
Item number: 1A50106910
Heat number: 45440

CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip	
C	0.08%
Si	0.93%
Mn	1.47%
P	0.014%
S	0.015%
Cr	0.04%
Ni	0.02%
Mo	< 0.01%
Cu	0.03%
V	< 0.01%
Al	0.001%
Ti+Zr	0.01%

CLASSIFICATIONS

EN ISO 14341-A: G 3Si1
EN ISO 14341-A: G 38 3 C1 3Si1
EN ISO 14341-A: G 42 4 M20 3Si1
EN ISO 14341-A: G 42 4 M21 3Si1
SFA/AWS A5.18: ER70S-6
CSA W48: B-G 49A 3 C1 S6
JIS Z 3312: YGW 12 (C1)

MECHANICAL PROPERTIES

Typical data: acc to EN 10204 – 2.2

Tensile

Standard	Shielding Gas	ReL [MPa/ksi]	Rm [MPa/ksi]	A5 [%]
EN	M21	470/68	560/81	26

Impact

Standard	Shielding Gas	Temp [°C/°F]	KV[J/ft-lb]
EN	M21	-30/-22	100/74
EN	M21	-40/-40	90/66
EN	M21	-50/-58	70/52

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

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

Raj Kumar Singh

Validation

Josef Moravek

Quality Manager

Raj Kumar Singh

Product Manager