



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

Datum/Date: 2024-01-08

Certificaat nummer/Cert no: EC27386197 rev. 0

ESAB ordernummer/Our order:

Ordernummer/Your order:

ESAB referentie/Our ref:

Referentie/Your ref:

Klantnummer/Cust no: NLB00152

Faxnummer/Your fax:

Orderdatum/Your date:

E-mail adres/Your e-mail:

Faktuuradres/Invoice address

Verzendadres certificaten/Cert receiver

Afleveradres/Delivery address

ZEVIJ B.V. LASAULEC CENTRAAL HEERENVEEN

LEVERING/DELIVERY

Lotnummer/Lot no:

PVX4010247

Hoeveelheid/Quantity:

PRODUCT/PRODUCT

Merk/Brand: ESAB

Omschrijving/Desc: OK Autrod 12.51 0.8mm 15kg

Artikelnummer/Item no: 1251087700

Heat No/Heat number: 32254

CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip

C	0.07%
Si	0.87%
Mn	1.41%
P	0.011%
S	0.013%
Cr	0.04%
Ni	0.02%
Mo	0.01%
Cu	0.14%
V	< 0.01%
Al	< 0.01%
Ti+Zr	0.01%

CLASSIFICATIES/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)

MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

Tensile

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

Impact

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

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