



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

Datum/Date: 2023-11-30

Certificaat nummer/Cert no: EC27356203 rev. 0

ESAB ordernummer/Our order: 0100911197
ESAB referentie/Our ref: M3PRD020
Klantnummer/Cust no: NLB00033
Orderdatum/Your date: 20231129

Ordernummer/Your order: 20031841675
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:

PVX4510754

Hoeveelheid/Quantity: 5 KGM

PRODUCT/PRODUCT

Merk/Brand: ESAB
Omschrijving/Desc: OK Tigrod 309LSi 2.0x1000 5kg
Artikelnummer/Item no: 165120R150
Heat No/Heat number: 372859
Hoeveelheid/Quantity: 5 KGM

CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip	
C	0.01%
Si	0.69%
Mn	1.9%
P	0.02%
S	< 0.01%
Cr	23.2%
Ni	13.7%
Mo	0.03%
Cu	0.1%
FN WRC-92	9

CLASSIFICATIES/CLASSIFICATIONS

EN ISO 14343-A: W 23 12 L Si
SFA/AWS A5.9: ER309LSi

MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

Tensile

Rp0.2 [MPa/ksi]	Rm [MPa/ksi]	A5 [%]
475/69	610/88	35

Impact

Temp [°C/°F]	KV[J/ft-lb]
-110/-166	130/96

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

Per Ake Bjornstedt

Product Manager