



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

Datum/Date 2025-11-05

Certificaat nummer/Cert no: EC28041035 rev. 0

ESAB ordernummer/Our order: 0101385410
ESAB referentie/Our ref: M3PRD020
Klantnummer/Cust no: NLB00033
Orderdatum/Your date: 20251027

Ordernummer/Your order: INK0042163
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!per 2
Heerenveen
8447 GK Heerenveen
Netherlands

LEVERING/DELIVERY Lotnummer/Lot no: PVZ3912020

PRODUCT/PRODUCT

Merk/Brand: ESAB
Omschrijving/Desc: OK Tigrod 316LSi 1.6x1000 5kg
Artikelnummer/Item no: 163216R150
Heat No/Heat number: E250681
Hoeveelheid/Quantity: 100 KGM

CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip	
C	0.01%
Si	0.8%
Mn	1.5%
P	0.02%
S	0.01%
Cr	18.4%
Ni	12.0%
Mo	2.6%
Cu	0.1%
N	0.05%
FN WRC-92	7

CLASSIFICATIES/CLASSIFICATIONS

EN ISO 14343-A: W 19 12 3 L Si
SFA/AWS A5.9: ER316LSi
Werkstoffnummer: ~1.4430

MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

Tensile

Standard	Shielding Gas	Condition	Rp0.2 [MPa/ksi]	Rm [MPa/ksi]	A5 [%]
EN ISO	I1	As welded	500/73	630/91	33

Impact

Standard	Shielding Gas	Condition	Temp [°C/°F]	KV[J/ft-lb]
EN ISO	I1	As welded	+20/68	175/129
EN ISO	I1	As welded	-110/-166	110/81
EN ISO	I1	As welded	-196/-321	90/66

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

Typical data Impact (KV at -196 °C) 110 J

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