



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

Datum/Date 2025-10-13

Certificaat nummer/Cert no: EC28016802 rev. 0

ESAB ordernummer/Our order: 0101372284
ESAB referentie/Our ref: M3PRD020
Klantnummer/Cust no: NLB00033
Orderdatum/Your date: 20251009

Ordernummer/Your order: INK0038541
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: PVZ1910421

PRODUCT/PRODUCT

Merk/Brand: ESAB
Omschrijving/Desc: OK Tigrod 5183 2.0x1000 2.5kg
Artikelnummer/Item no: 181620R152
Heat No/Heat number: E250275
Hoeveelheid/Quantity: 1 CT

CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip	
Si	0.04%
Mn	0.57%
Cr	0.06%
Cu	< 0.01%
Ti	0.07%
Al	93.8%
Fe	0.16%
Mg	5.1%
Zn	< 0.01%

CLASSIFICATIES/CLASSIFICATIONS

SFA/AWS A5.10: R5183
EN ISO 18273: S Al 5183 (AlMg4,5Mn0,7(A))

MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

Tensile

Rp0.2 [MPa/ksi]	Rm [MPa/ksi]	A4-A5 [%]
140/20	290/42	25

Impact

Temp [°C/°F]	KV[J/ft-lb]
+20/68	30/22

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)

Geldigheid/Validation

Josef Moravek

Quality Manager

Joe Cacioppo