



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

Issued Date: 2025-04-17

Certificate number: EC27845642 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
ZEVEIJ 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: PVZ0911814

PRODUCT

Brand: ESAB
Description: OK Autrod 5183 1.2mm 7kg
Item number: 1816129870
Heat number: E240582

CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip

Si	0.04%
Mn	0.59%
Cr	0.06%
Cu	0.01%
Ti	0.01%
Al	94.4%
Be	0.0001%
Fe	0.13%
Mg	4.8%
Zn	< 0.01%

CLASSIFICATIONS

SFA/AWS A5.10: ER5183
EN ISO 18273: S Al 5183 (AlMg4,5Mn0,7(A))

MECHANICAL PROPERTIES

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

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

Validation

Josef Moravek

Quality Manager

Joe Cacioppo