



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

Datum/Date 2025-07-16

Certificaat nummer/Cert no: EC27933269 rev. 0

ESAB ordernummer/Our order: 0101298150
ESAB referentie/Our ref: M3PRD020
Klantnummer/Cust no: NLB00033
Orderdatum/Your date: 20250707

Ordernummer/Your order: INK0017609
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: F812A5D201

PRODUCT/PRODUCT

Merk/Brand: ESAB
Omschrijving/Desc: Shield-Bright 309L 1.2mm15kgVP
Artikelnummer/Item no: 35CA12982V
Hoeveelheid/Quantity: 1 CT

CHEMISCHE SAMENSTELLING/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

All weld metal	
C	0.040%
Si	0.84%
Mn	1.44%
P	0.023%
S	0.006%
Cr	23.3%
Ni	12.3%
Mo	0.1%
Cu	0.2%
FN WRC-92	16

CLASSIFICATIES/CLASSIFICATIONS

SFA/AWS A5.22: E309LT1-1
SFA/AWS A5.22: E309LT1-4
JIS Z 3323: YF-309LC
KS D 3612: YF-309LC
EN ISO 17633-A: T 23 12 L P C1 2
EN ISO 17633-A: T 23 12 L P M21 2

MECHANISCHE EIGENSCHAPPEN/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

Tensile

Standard	Shielding Gas	Condition	Rp0.2 [MPa/ksi]	Rm [MPa/ksi]	A4 [%]
AWS	C1	As welded	368/53	543/79	44

Impact

Standard	Shielding Gas	Condition	Temp [°C/°F]	KV[J/ft-lb]
AWS	C1	As welded	-29/-20	55/41
AWS	C1	As welded	-196/-321	18/13

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

Bismuth free

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

Young Sook Kim

Quality Manager

Neil Farrow

Product Manager