



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

Issued Date: 2023-11-09

Certificate number: EC27334411 rev. 0

Our order:

Your order:

Our reference:

Your reference:

Customer number:

Your fax number:

Customer order date:

Your e-mail:

Invoice address

Receiver of certificate

Delivery address

DELIVERY

Lot number:

SBX1410343

Quantity:

PRODUCT

Brand: ESAB

Description: OK 61.30 1.6x300mm 1/4 VP

Item number: 61301620LO

CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

All weld metal

C	0.02%
Si	0.80%
Mn	0.9%
P	0.019%
S	0.010%
Cr	20.1%
Ni	9.6%
Mo	0.06%
Cu	0.02%
N	0.12%
FN WRC-92	8%

CLASSIFICATIONS

EN ISO 3581-A: E 19 9 L R 1 2

SFA/AWS A5.4: E308L-17

CSA W48: E308L-17

Werkstoffnummer: 1.4316

MECHANICAL PROPERTIES

Typical data: acc to EN 10204 - 2.2

Tensile

Rp0.2 [MPa/ksi]	Rm [MPa/ksi]	A5 [%]
430/62	580/84	45

Impact

Temp [°C/°F]	KV[J/ft-lb]
+20/68	70/52
-60/-76	49/36

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

COMMENTS

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.
This certificate is produced electronically.
Please refer any queries to:

Validation

Quality Manager

Product Manager