



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

Issued Date: 2023-12-14

Certificate number:

EC27370833 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:

SBX2511673

Quantity:

PRODUCT

Brand: ESAB

Description: OK 61.30 2.5x300mm

Item number: 6130252030

CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

All weld metal

C	0.01%
Si	0.82%
Mn	0.7%
P	0.023%
S	0.012%
Cr	20.0%
Ni	9.9%
Mo	0.11%
Cu	0.06%
N	0.07%
FN WRC-92	10

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

Production Month : 08/2023

Radiography : Acceptable result & Level of testing: SCH F

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.

This certificate is produced electronically.

Please refer any queries to:

Validation

Ellen Bjorgan

Quality Manager

Tapio Huhtala

Product Manager