



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

Issued Date: 2024-06-25

Certificate number: EC27564273 rev. 0

Our order: 0
Our reference:
Customer number: NA
Customer order date:

Your order:
Your reference:
Your fax number:
Your e-mail:

Invoice address
NA

Receiver of certificate

Delivery address

DELIVERY Lot number: SBY0512185 Quantity:

PRODUCT

Brand: ESAB
Description: OK 316L 2.5x300mm
Item number: 6398252030

CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

All weld metal	
C	0.03%
Si	0.75%
Mn	0.6%
P	0.02%
S	0.01%
Cr	18.2%
Ni	11.1%
Mo	2.7%
Cu	0.08%
FN WRC-92	4

CLASSIFICATIONS

SFA/AWS A5.4: E316L-16
JIS Z 3221: D316L-16

MECHANICAL PROPERTIES

Typical data: acc to EN 10204 - 2.2

Tensile

Rp0.2 [MPa/ksi]	Rm [MPa/ksi]	A5 [%]
460/67	570/83	40

Impact

Temp [°C/°F]	KV[J/ft-lb]
+20/68	60/44
-20/-4	55/41

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

Production Month : 04/2024
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:
Plot No. S20134, Jebel Ali Free Zone (South), PO Box 8964, Dubai, Tel +971 4 880 9493

Validation

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