



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

Date: 2021-12-07

Certificate number: EC26644180 rev. 0

Our order:

Your order:

Our reference:

Your reference:

Customer number: NA

Your fax number:

Customer order date:

Your e-mail:

Invoice address

Receiver of certificate

Delivery address

DELIVERY

Lot number:

PVV37417985

Quantity:

PRODUCT

Brand: ESAB
Description: Weld G3Si1 1.0mm 15kg
Item number: 232110670H

CLASSIFICATIONS

EN ISO 14341-A: G 3Si1
EN ISO 14341-A: G 38 2 C1 3Si1
EN ISO 14341-A: G 42 3 M21 3Si1
SFA/AWS A5.18: ER70S-6

MECHANICAL PROPERTIES

Typical data: acc to EN 10204 - 2.2

Standard: EN
Auxiliary: M21 (EN 14175)
Condition:

TENSILE

<u>ReL</u>	<u>Rm</u>	<u>A4-A5</u>
470 MPa	560 MPa	26 %

IMPACT

<u>Temp</u>	-30 °C
<u>KV</u>	70 J

CHEMICAL COMPOSITION

Actual results: acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.08%
Si	0.86%
Mn	1.44%
P	0.011%
S	0.016%
Cr	0.02%
Ni	0.02%
Mo	< 0.01%
Cu	0.09%
V	< 0.01%
Al	< 0.01%
Ti+Zr	0.01%

COMMENTS

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.
This certificate is produced electronically and is valid without signature.
Please refer any queries to:

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Validation - Chemical Analysis

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