



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

Date: 2016-05-24

Certificate number:

EC24327072 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:

PV616515170 Quantity:

## PRODUCT

Brand: ESAB  
Description: OK Autrod 12.64 1.0mm 250kg  
Item number: 1264109320

## CHEMICAL COMPOSITION

**Actual results: acc to EN 10204 - 3.1**

## CLASSIFICATIONS

EN ISO 636-A: W 46 3 W4Si1  
EN ISO 636-A: W4Si1  
EN ISO 14341-A: G 4Si1  
EN ISO 14341-A: G 42 3 C1 4Si1  
EN ISO 14341-A: G 46 4 M21 4Si1  
SFA/AWS A5.18: ER70S-6

## Wire/strip

Auxiliary:

C	0.07%
Si	0.92%
Mn	1.62%
P	0.012%
S	0.011%
Cr	0.03%
Ni	0.01%
Mo	< 0.01%
Cu	0.09%
V	< 0.01%
Al	< 0.01%
Ti+Zr	0.01%

## MECHANICAL PROPERTIES

**Typical data: acc to EN 10204 - 2.2**

Standard: EN  
Auxiliary: M21  
Condition:

## TENSILE

<u>ReL</u>	<u>Rm</u>	<u>A4-A5</u>
525 MPa	595 MPa	26 %

## IMPACT

<u>Temp</u>	+20 °C	-20 °C
<u>KV</u>	130 J	90 J

## 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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Validation - Others

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