



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

Date: 2018-02-15 Certificate number: EC25051467 rev. 0

Our order:	1865355	Your order:	
Our reference:	Roland Paczuk	Your reference:	-
Customer number:	NA	Your fax number:	-
Customer order date:	122700	Your e-mail:	-

<u>Invoice address</u>	<u>Receiver of certificate</u>	<u>Delivery address</u>
PAWLOWSKI GMBH OGGENHAUSER HAUPTSTRASSE 77 89522 HEIDENHEIM-OGGENHAUSEN GERMANY		PAWLOWSKI GMBH OGGENHAUSER HAUPTSTRASSE 77 89522 HEIDENHEIM-OGGENHAUSEN GERMANY

DELIVERY Lot number: PVS04563637 Quantity: 250 KG

PRODUCT

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

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

MECHANICAL PROPERTIES

Typical data: acc to EN 10204 - 2.2

Standard: EN
Auxiliary: M21
Condition:

TENSILE

<u>ReL</u>	<u>Rm</u>	<u>A5</u>
490 MPa	590 MPa	29 %

IMPACT

<u>Temp</u>	-30 °C	-40 °C	-50 °C
<u>KV</u>	100 J	90 J	80 J

CHEMICAL COMPOSITION

Actual results: acc to EN 10204 - 3.1

Wire/strip

Auxiliary:

C	0.09%
Si	0.89%
Mn	1.70%
P	0.012%
S	0.015%
Cr	0.03%
Ni	0.01%
Mo	< 0.01%
Cu	0.08%
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:

ESAB Welding & Cutting GmbH, Winkelsweg 178-180, D-40764 Langenfeld/Tel.0217339450/qa-germanic@esab.de

Validation - Chemical Analysis

Josef Moravek

Quality Manager

Validation - Others

Jose Abal Lopez

Product Manager