



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

Date: 2022-01-20

Certificate number:

EC26683429 rev. 0

Our order: 0100435942  
Our reference: HYBRIS PRD account  
Customer number: GBB00447  
Customer order date: 20220120

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

Receiver of certificate

DELIVERY

Lot number:

PVV461740919

Quantity:

2 PK

**PRODUCT**

Brand: ESAB  
Description: OK Tigrod 316L 1.6x1000mm 5kg  
Item number: 163016R150

**CHEMICAL COMPOSITION**

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

Wire/strip

Auxiliary:

C	0.01%
Si	0.32%
Mn	1.8%
P	0.02%
S	0.01%
Cr	18.6%
Ni	11.8%
Mo	2.6%
Cu	0.1%
Ferrite FN	9

**CLASSIFICATIONS**

EN ISO 14343-A: W 19 12 3 L  
SFA/AWS A5.9: ER316L  
Werkstoffnummer: ~1.4430

**MECHANICAL PROPERTIES**

Typical data: acc to EN 10204 - 2.2

Standard:

Auxiliary:

Condition:

**TENSILE**

<u>Rp0.2</u>	<u>Rm</u>	<u>A5</u>
470 MPa	600 MPa	32 %

**IMPACT**

<u>Temp</u>	-60 °C	-196 °C
<u>KV</u>	130 J	75 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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Quality Manager

Validation - Others

Per-Ake Bjornstedt