



ABNAHMEPRÜFZEUGNIS (3.1) - Chemische analyse  
Test Report(2.2) - Mechanische Eigenschaften  
INSPECTION CERTIFICATE (3.1) -Chemical analysis  
TEST REPORT (2.2) - Mechanical properties

Datum/Date 2024-12-11

Zeugnis-Nummer/Cert no: EC27726948 rev. 0

Unser Auftrag/Our order: 0101168686  
Unser Zeichen/Our ref: HYBRIS PRD account  
Kunden-Nr./Cust no: DEB00816  
Bestelldatum/Your date: 20241211

Ihre Bestell-Nr./Your order: 1391334324/144752  
Ihr Zeichen/Your ref:  
Ihre Fax-Nr./Your fax:  
Ihr e-mail/Your e-mail:

Rechnungsadresse/Invoice address

PAWLOWSKI GMBH

OGGENHAUSER HAUPTSTRASSE 77  
89522 HEIDENHEIM-OGGENHSEN  
Germany

Empfänger/Cert receiver

Lieferadresse/Delivery address

ZELLER BAEDERBAU GMBH

IN DEN SEEWIESEN 49  
89520 HEIDENHEIM  
Germany

LIEFERUNG/DELIVERY Los-Nr./Lot no: PVY4311856

**PRODUKT/PRODUCT**

Marke/Brand: ESAB  
Beschreibung/Desc: OK Autrod 316LSi 1.0mm 15kg  
Artikel-Nr./Item no: 1632109820  
Schmelzen-Nr./Heat number: 472801  
Menge/Quantity: 30 KGM

**CHEMISCHE ANALYSE/CHEMICAL ANALYSIS**

Actual results: acc to EN 10204 - 3.1

| Wire/strip |        |
|------------|--------|
| C          | 0.02%  |
| Si         | 0.8%   |
| Mn         | 1.8%   |
| P          | 0.021% |
| S          | 0.015% |
| Cr         | 18.3%  |
| Ni         | 11.4%  |
| Mo         | 2.6%   |
| Cu         | 0.2%   |
| FN WRC-92  | 8      |

**KLASSIFIZIERUNG/CLASSIFICATIONS**

EN ISO 14343-A: G 19 12 3 L Si  
SFA/AWS A5.9: ER316LSi  
Werkstoffnummer: ~1.4430

**MECHANISCHE GÜTEWERTE/MECHANICAL PROPS**

acc to EN 10204 - 2.2

**Tensile**

| Standard | Shielding Gas | Condition | Rp0.2 [MPa/ksi] | Rm [MPa/ksi] | A5 [%] |
|----------|---------------|-----------|-----------------|--------------|--------|
| EN ISO   | M12           | As welded | 400/58          | 560/81       | 37     |

**Impact**

| Standard | Shielding Gas | Condition | Temp [°C/°F] | KV[J/ft-lb] | LE [mm/mils]  |
|----------|---------------|-----------|--------------|-------------|---------------|
| EN ISO   | M12           | As welded | +20/68       | 120/89      | Not Available |
| EN ISO   | M12           | As welded | -60/-76      | 95/70       | Not Available |
| EN ISO   | M12           | As welded | -110/-166    | 70/52       | Not Available |
| EN ISO   | M12           | As welded | -196/-321    | 45/33       | 0.42/17       |

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

**BEMERKUNGEN/COMMENTS**

Das Produkt wurde unter Anwendung eines QA-Programmes gemäß EN ISO 9001 hergestellt.

Dieses Zeugnis wurde mit Hilfe der EDV erstellt.

Ihr Ansprechpartner:

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

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.

This certificate is produced electronically.

Please refer any queries to: (see above)

Qualitätskontrolle/Validation

Josef Moravek

Quality Manager

Per Ake Bjornstedt

Product Manager