



Kontrollintyg (3.1) - Kemisk analys
Testrapport(2.2) - Mekaniska egenskaper
INSPECTION CERTIFICATE (3.1) - Chemical analysis
TEST REPORT (2.2) - Mechanical properties

Datum/Date: 2023-10-17

Certifikat nummer/Cert no: EC27308970 rev. 0

Vårt ordernr/Our order: 0100878798
Vår referens/Our ref: HYBRIS PRD account
Kundnummer/Cust no: SEB00768
Kundorderdatum/Your date: 20231017

Ert ordernr/Your order: 662316
Er referens/Your ref:
Ert faxnummer/Your fax:
Ert e-post/Your e-mail:

Faktureringsadress/Invoice address

IP INDUSTRIPARTNER AB
GUSTAFSVÄGEN 13B
633 46 ESKILSTUNA
Sweden

Mottagare av certifikat/Cert receiver

Leveransadress/Delivery address

IP INDUSTRIPARTNER AB
GUSTAFSVÄGEN 13B
633 46 ESKILSTUNA
Sweden

LEVERANS/DELIVERY

Lotnummer/Lot no:

PVX2410942

Kvantitet/Quantity:

1 PK

PRODUKT/PRODUCT

Varumärke/Brand: ESAB
Beskrivning/Desc: OK Tigrod 316LSi 2.0x1000 5kg
Artikelnummer/Item no: 163220R150
Heat nummer/Heat number: E230356
Kvantitet/Quantity: 1 PK

KEMISK ANALYS/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

| Wire/strip | |
|------------|--------|
| C | 0.012% |
| Si | 0.81% |
| Mn | 1.57% |
| P | 0.017% |
| S | 0.016% |
| Cr | 18.34% |
| Ni | 12.10% |
| Mo | 2.58% |
| Cu | 0.04% |
| N | 0.051% |
| Co | 0.09% |
| FN WRC-92 | 7% |

KLASSIFICERINGAR/CLASSIFICATIONS

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

MEKANISKA EGENSKAPER/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

Tensile

| Rp0.2 [MPa/ksi] | Rm [MPa/ksi] | A5 [%] |
|-----------------|--------------|--------|
| 450/65 | 600/87 | 35 |

Impact

| Temp [°C/°F] | KV[J/ft-lb] |
|--------------|-------------|
| +20/68 | 175/129 |
| -110/-166 | 150/111 |
| -196/-321 | 110/81 |

A4, A5 = Elongation
ReH = Upper Yield Point
ReL = Lower Yield Point
Rm = Ultimate Tensile Strength (UTS)
Rp0.2 = Yield Strength 0.2 offset
Rp1.0 = Yield Strength 1.0 offset

KOMMENTARER/COMMENTS

Typical data Impact (KV at -196 °C) 110 J

Produkten levereras under ett QA program som uppfyller EN ISO 9001-standard.

Detta intyg är elektroniskt uppbyggt.

Vänligen ställ eventuella frågor till:

ESAB Sverige AB, Lindholmsallén 9, Box 8004, 402 77 Göteborg, Phone:+46 31-50 95 00

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

This certificate is produced electronically.

Please refer any queries to: (see above)

Validering/Validation

Josef Moravek

Quality Manager

Per Ake Bjornstedt

Product Manager