



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

Datum/Date: 2023-06-26

Certifikat nummer/Cert no: EC27198770 rev. 0

Vårt ordernr/Our order: 0100801556
 Vår referens/Our ref: HYBRIS PRD account
 Kundnummer/Cust no: SEB00768
 Kundorderdatum/Your date: 20230626

Ert ordernr/Your order: 661471
 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

Lotnummer/Lot no:

PVX1810283

Leveransadress/Delivery address

IP INDUSTRIPARTNER AB
 GUSTAFSVÄGEN 13B
 633 46 ESKILSTUNA
 Sweden

Kvantitet/Quantity:

4 RL

PRODUKT/PRODUCT

Varumärke/Brand: ESAB
 Beskrivning/Desc: OK Autrod 12.51 0.8mm 5kg
 Artikelnummer/Item no: 1251084600
 Heat nummer/Heat number: 311362
 Kvantitet/Quantity: 4 RL

KEMISK ANALYS/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

| Wire/strip | |
|------------|---------|
| C | 0.07% |
| Si | 0.81% |
| Mn | 1.43% |
| P | 0.012% |
| S | 0.013% |
| Cr | 0.02% |
| Ni | 0.01% |
| Mo | 0.01% |
| Cu | 0.12% |
| V | < 0.01% |
| Al | < 0.01% |
| Ti+Zr | < 0.01% |

KLASSIFICERINGAR/CLASSIFICATIONS

EN ISO 14341-A: G 3Si1
 EN ISO 14341-A: G 38 3 C1 3Si1
 EN ISO 14341-A: G 42 4 M20 3Si1
 EN ISO 14341-A: G 42 4 M21 3Si1
 SFA/AWS A5.18: ER70S-6
 CSA W48: B-G 49A 3 C1 S6
 JIS Z 3312: YGW 12(C1)

MEKANISKA EGENSKAPER/MECHANICAL PROPS

Typical data: acc to EN 10204 - 2.2

Tensile

| Standard | Shielding Gas | Condition | ReL [MPa/ksi] | Rm [MPa/ksi] | A5 [%] |
|----------|---------------|-----------|---------------|--------------|--------|
| EN | M21 | As Welded | 470/68 | 560/81 | 26 |

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

Impact

| Standard | Shielding Gas | Condition | Temp [°C/°F] | KV[J/ft-lb] |
|----------|---------------|-----------|--------------|-------------|
| EN | M21 | As Welded | +20/68 | 130/96 |
| EN | M21 | As Welded | -20/-4 | 120/89 |
| EN | M21 | As Welded | -30/-22 | 100/74 |
| EN | M21 | As Welded | -40/-40 | 90/66 |

KOMMENTARER/COMMENTS

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

Helene Rasmuson

Product Manager