

Datum/Date: 2024-03-29

Certifikat nummer/Cert no: EC27475827 rev. 0

Årt ordernr/Our order: 0100973714
 År referens/Our ref: Helena Saarelainen
 Kundnummer/Cust no: SEB00565
 Kundorderdatum/Your date: 20240301

Er ordernr/Your order: 717107
 Er referens/Your ref:
 Er faxnummer/Your fax:
 Er e-post/Your e-mail:

Faktureringsadress/Invoice address

Mottagare av certifikat/Cert receiver

Leveransadress/Delivery address

ÖSTERBERGS INDUSTRIHANDEL AB
 BOX 5240
 S-50 05 KARLSTAD
 Sweden

ÖSTERBERGS INDUSTRIHANDEL AB
 BRISGATAN 1
 652 21 KARLSTAD
 Sweden

LEVERANS/DELIVERY

Lotnummer/Lot no:

PVY0711324

Kvantitet/Quantity:

5000 KGM

PRODUKT/PRODUCT

Varumärke/Brand: ESAB
 Beskrivning/Desc: Purus 42 1.2mm 250kg
 Artikelnummer/Item no: 1C10129379
 Heat nummer/Heat number: 36841
 Kvantitet/Quantity: 5000 KGM

KEMISK ANALYS/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip

| | |
|-------|---------|
| C | 0.07% |
| Si | 0.88% |
| Mn | 1.42% |
| P | 0.013% |
| S | 0.020% |
| Cr | 0.04% |
| Ni | 0.02% |
| Mo | < 0.01% |
| Cu | 0.09% |
| V | 0.001% |
| Al | < 0.01% |
| Ti+Zr | 0.01% |

CLASSIFICERINGAR/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
 FA/AWS A5.18: ER70S-6

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 (EN ISO 14 175) | As Welded | 470/68 | 560/81 | 25 |

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 (EN ISO 14 175) | As Welded | +20/68 | 130/96 |
| EN | M21 (EN ISO 14 175) | As Welded | -30/-22 | 90/66 |
| EN | M21 (EN ISO 14 175) | As Welded | -40/-40 | 80/59 |

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)



Raj Kumar Singh

Validering/Validation

Josef Moravek

Quality Manager

Raj Kumar Singh

Product Manager