



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

Datum/Date: 2023-07-19

Certifikat nummer/Cert no: EC27222190 rev. 0

Vårt ordernr/Our order: 0100818463  
 Vår referens/Our ref: HYBRIS PRD account  
 Kundnummer/Cust no: SEB00768  
 Kundorderdatum/Your date: 20230719

Ert ordernr/Your order: 661646  
 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:

PVX2310417

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: 27963  
 Kvantitet/Quantity: 4 RL

**KEMISK ANALYS/CHEMICAL ANALYSIS**

Actual results: acc to EN 10204 - 3.1

Wire/strip	
C	0.07%
Si	0.88%
Mn	1.49%
P	0.012%
S	0.018%
Cr	0.05%
Ni	0.04%
Mo	0.02%
Cu	0.15%
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