



PROVNINGSINTYG (3.1) - Kemisk analys KVALITETSINTYG(2.2) -  
 Mekaniska egenskaper/  
 INSPECTION CERTIFICATE (3.1) -Chemical analysis (2.2) -  
 Mechanical properties

Datum/Date: 2023-04-24

Certifikat nummer/Cert no: EC27132818 rev. 0

Vårt ordernr/Our order: 0100756630  
 Vår referens/Our ref: HYBRIS PRD account  
 Kundnummer/Cust no: SEB00768  
 Kundorderdatum/Your date: 20230424

Ert ordernr/Your order: 660881  
 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:

PVX0311528

Kvantitet/Quantity:

5 RL

PRODUKT/PRODUCT

Varumärke/Brand: ESAB  
 Beskrivning/Desc: OK Autrod 12.51 0.8mm 5kg  
 Artikelnummer/Item no: 1251084600  
 Heat nummer/Heat number: 234179  
 Kvantitet/Quantity: 5 RL

KEMISK ANALYS/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip	
C	0.07%
Si	0.83%
Mn	1.46%
P	0.009%
S	0.012%
Cr	0.02%
Ni	0.01%
Mo	< 0.01%
Cu	0.11%
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

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

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

Produkten levereras under ett QA program som uppfyller EN ISO 9001-standard.  
 Detta intyg är elektroniskt uppbyggt och är giltigt utan underskrift.  
 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. Applicable for all certificate types.  
 Please refer any queries to: (see above)

Validering/Validation

Josef Moravek

Quality Manager

Helene Rasmuson

Product Manager