



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: EC27198771 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	Mottagare av certifikat/Cert receiver	Leveransadress/Delivery address
IP INDUSTRIPARTNER AB GUSTAFSVÄGEN 13B 633 46 ESKILSTUNA Sweden		IP INDUSTRIPARTNER AB GUSTAFSVÄGEN 13B 633 46 ESKILSTUNA Sweden
LEVERANS/DELIVERY	Lotnummer/Lot no: PVX1910775	Kvantitet/Quantity: 2 RL

PRODUKT/PRODUCT

Varumärke/Brand: ESAB
 Beskrivning/Desc: OK Autrod 12.51 1.0mm 5kg
 Artikelnummer/Item no: 1251104600
 Heat nummer/Heat number: 311366
 Kvantitet/Quantity: 2 RL

KEMISK ANALYS/CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip	
C	0.07%
Si	0.86%
Mn	1.44%
P	0.013%
S	0.014%
Cr	0.03%
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

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