



INSPECTION CERTIFICATE (3.1) - Chemical analysis
TEST REPORT (2.2) - Mechanical properties

Issued Date: 2025-01-08

Certificate number: EC27742024 rev. 0

Our order: 0
Our reference:
Customer number: NA
Customer order date:

Your order:
Your reference:
Your fax number:
Your e-mail:

Invoice address
0

Receiver of certificate

Delivery address

DELIVERY Lot number: PVY3610402

PRODUCT

Brand: Exaton
Description: Exaton 20.25.5.LCu 2.4mm X 5kg
Item number: S65524R150
Heat number: 570459

CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip	
C	0.01%
Si	0.3%
Mn	1.8%
P	0.012%
S	0.001%
Cr	20.2%
Ni	25.0%
Mo	4.3%
Nb	0.01%
Cu	1.5%
Al	0.01%
N	0.05%
Co	< 0.1%

CLASSIFICATIONS

EN ISO 14343-A: W 20 25 5 Cu L
SFA/AWS A5.9: ER385
Werkstoffnummer: ~1.4519

MECHANICAL PROPERTIES

Typical data: acc to EN 10204 - 2.2

Tensile

Standard	Shielding Gas	Condition	Rp0.2 [MPa/ksi]	Rm [MPa/ksi]	A5 [%]	Z
EN ISO	I1	As Welded	440/64	585/85	35	70

Impact

Standard	Shielding Gas	Condition	Temp [°C/°F]	KV[J/ft-lb]
EN ISO	I1	As Welded	+20/68	200/148
EN ISO	I1	As Welded	-196/-321	160/118

A4, A5 = Elongation
ReH = Upper Yield Point
ReL = Lower Yield Point
Rm = Ultimate Tensile Strength
Rp0.2 = Yield Strength 0.2 offset
Rp1.0 = Yield Strength 1.0 offset

COMMENTS

Production Month : 09/2024
Level of testing: SCH I

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.
This certificate is produced electronically.
Please refer any queries to:
Plot No. S20134, Jebel Ali Free Zone (South), PO Box 8964, Dubai, Tel +971 4 880 9493

Validation

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