



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

Issued Date: 2024-02-19

Certificate number: EC27430650 rev. 0

Our order: 0100869113
Our reference:
Customer number: AE000801
Customer order date:

Your order:
Your reference: Jack Sakkab
Your fax number: +962 79 552 0814
Your e-mail: j.sakkab@sakkab.com

Invoice address
SAKKAB NEWPORT TRADING
SAKKAB NEWPORT TRADING
AZRAQ STREET 60, AL RAQEEM

Receiver of certificate

Delivery address
SAKKAB NEWPORT TRADING
SAKKAB NEWPORT TRADING
AZRAQ STREET 60, AL RAQEEM

DELIVERY Lot number: PVX3912097 Quantity:

PRODUCT

Brand: Exaton
Description: Exaton Ni72HP 2.4mm X 5kg
Item number: S98524R150
Heat number: 149560

CLASSIFICATIONS

SFA/AWS A5.14: ERNiCr-3
EN ISO 18274: S Ni 6082 (NiCr20Mn3Nb)

MECHANICAL PROPERTIES

Typical data: acc to EN 10204 – 2.2

Tensile

Rp0.2 [MPa/ksi]	Rm [MPa/ksi]	A5 [%]	Z
420/61	660/96	35	40

Impact

Temp [°C/°F]	KV[J/ft-lb]
+20/68	245/181
-196/-321	150/111

CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip

C	0.003%
Si	0.13%
Mn	3.19%
P	0.004%
S	0.005%
Cr	19.30%
Ni	73.50%
Mo	< 0.01%
Nb	2.45%
Cu	< 0.01%
Ti	0.340%
V	< 0.01%
Al	0.05%
N	0.022%
Co	< 0.001%
Fe	0.47%
Ta	0.05%
Nb+Ta	2.50%

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

COMMENTS

Production Month : 10/2023
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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