

Certificate Number: XP-02763

Customer:

Order Number:

Quantity Purchased:

Lot Number: 355835-82921

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

Item Number: XP35340
Description: XP ALLOY 82
Dimensions: Ø 1.6 x 1000 (mm)
Packaging / Weight: Tube - 5kg

Chemical Composition

According to EN 10204:2004 - 3.1

Elements	Test Result % (m/m)	Elements	Test Result % (m/m)
C	0.037	Zn	0.0007
Mn	3.02	Co	0.01
Si	0.11	Al	0.077
S	0.001	Fe	1.3
P	0.004	W	-
Ni	72.2	V	-
Cr	20.23	Pb	<0.0001
Mo	0.025	N	0.0035
Cu	0.016	Mg	0.004
Nb	2.33	Ta	0.004
Ti	0.422	Sn	0.0002

Mechanical Properties

According to EN 10204:2004 - 2.2

	Typical Result
Tensile Strength (MPa)	≥550
Yield Strength (MPa)	-
Elongation (%)	-
Impact Strength (J)	-
Test Temperature (°C)	-
Hardness (HRC)	-

We hereby certify that this report is correct and all results are in conformity with the declared specifications described herein.

Jason Ford - Product Manager

City: Bewdley, Worcestershire

Date: 06/05/2026

This digitally prepared certificate is valid without signature



Remarks:

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