

Certificate Number: XP-02693

Customer:

Order Number:

Quantity Purchased:

Lot Number: 354927-82035

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

Item Number: XP35343
Description: XP ALLOY 82
Dimensions: Ø 3.2 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	0.0359	Zn	0.0004
Mn	3.08	Co	0.015
Si	0.128	Al	0.072
S	0.0005	Fe	1.32
P	0.004	W	-
Ni	72.4	V	-
Cr	20.13	Pb	<0.0001
Mo	0.028	N	0.0067
Cu	0.019	Mg	0.003
Nb	2.32	Ta	0.003
Ti	0.284	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: 03/02/2026

This digitally prepared certificate is valid without signature



Remarks:

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