

Certificate Number: XP-02695

Customer:

Order Number:

Quantity Purchased:

Lot Number: **356002-82034**

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	0.0371	Zn	0.0013
Mn	3.1	Co	0.015
Si	0.104	Al	0.092
S	0.0005	Fe	1.29
P	0.004	W	-
Ni	72.3	V	-
Cr	20.16	Pb	<0.0001
Mo	0.028	N	0.0075
Cu	0.017	Mg	0.005
Nb	2.3	Ta	0.004
Ti	0.384	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:

Scan to
Download

