

**Certificate Number: XP-02698**

Customer:

Order Number:

Quantity Purchased:

Lot Number: **353782-80633**

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

Item Number: XP35215  
 Description: XP ALLOY 82  
 Dimensions: Ø 1.0 (mm)  
 Packaging / Weight: BS300 Basket - 15kg

## Chemical Composition

According to EN 10204:2004 - 3.1

Elements	Test Result % (m/m)	Elements	Test Result % (m/m)
C	0.0369	Zn	0.0004
Mn	3.12	Co	0.014
Si	0.127	Al	0.099
S	0.0009	Fe	1.31
P	0.005	W	-
Ni	72.3	V	-
Cr	20.12	Pb	<0.0001
Mo	0.023	N	0.006
Cu	0.016	Mg	0.004
Nb	2.32	Ta	0.003
Ti	0.351	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: 04/02/2026

*This digitally prepared certificate is valid without signature*



Remarks:

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