

Certificate Number: XP-01963

Customer: Parweld Limited
Bewdley Business Park, Long Bank,
Bewdley, Worcestershire, England, DY12 2TZ

Order Number: PO000681

Quantity Purchased: 10 kg

Lot Number: 341090-79411

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

Item Number: XP35342
Description: XP ALLOY 82
Dimensions: Ø 2.4 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	0.0002
Mn	2.9300	Co	0.0160
Si	0.0950	Al	0.0760
S	0.0006	Fe	1.2400
P	0.0050	W	0.0040
Ni	72.7000	V	0.0040
Cr	19.9300	Pb	<0.0001
Mo	0.0260	N	-
Cu	0.0150	Mg	0.0039
Nb	2.4200	Ta	0.0030
Ti	0.3200	Sn	0.0002

Mechanical Properties

According to EN 10204:2004 - 2.2

Properties	Test Result
Tensile Strength (MPa)	≥ 600
Yield Strength (MPa)	≥ 360
Elongation (%)	≥ 30
Impact Strength (J)	≥ 100
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: 29/08/2024

This digitally prepared certificate is valid without signature



Remarks:

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