

**Certificate Number: XP-02648**

Customer:

Order Number:

Quantity Purchased:

Lot Number: 25111713

EN/ISO Standards: 14341-A  
EN/ISO Classification: G 42 3 C1 3Si1 / G 42 4 M21 3Si1  
AWS Standard: A5.18  
AWS Classification: ER70S-6

Item Number: XP10212  
Description: XP SG2 (G3Si1)  
Dimensions: Ø 0.8 (mm)  
Packaging / Weight: S200 Plastic - 5kg

## Chemical Composition

According to EN 10204:2004 - 3.1

Elements	Test Result % (m/m)	Elements	Test Result % (m/m)
C	0.08	Al	0.009
Si	0.83	Ti + Zr	0.004
Mn	1.46	-	-
P	0.015	-	-
S	0.012	-	-
Ni	0.01	-	-
Cr	0.02	-	-
Mo	0.005	-	-
V	0.004	-	-
Cu	0.12	-	-
-	-	-	-

## Mechanical Properties

According to EN 10204:2004 - 2.2

	Typical Result
Tensile Strength (MPa)	≥500
Yield Strength (MPa)	≥420
Elongation (%)	≥20
Impact Strength (J)	≥47
Test Temperature (°C)	-40
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: 11/02/2026

*This digitally prepared certificate is valid without signature*



## Remarks:

TEST RESULTS BASED ON SHIELDING GAS M21

Scan to  
Download

