

**Certificate Number: XP-02316**

Customer:

Order Number:

**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

**Quantity Purchased:** 7,000 kg

**Lot Number:** 250314011

**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	0.07	Al	0.013
Si	0.89	Ti + Zr	0.004
Mn	1.49	-	-
P	0.011	-	-
S	0.010	-	-
Ni	0.013	-	-
Cr	0.011	-	-
Mo	0.004	-	-
V	0.005	-	-
Cu	0.01	-	-
-	-	-	-

## Mechanical Properties

According to EN 10204:2004 - 3.1

	Test Result
Tensile Strength (MPa)	555
Yield Strength (MPa)	460
Elongation (%)	28
Impact Strength (J)	97, 101, 90
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:** 05/06/2025

*This digitally prepared certificate is valid without signature*



### Remarks:

TEST RESULTS BASED ON SHIELDING GAS M21

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