

**Certificate Number: XP-02185**

**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:** 2,160 kg

**Lot Number:** 24112600

**Item Number:** XP10246  
**Description:** XP SG2  
**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	0.08	Al	0.009
Si	0.86	Ti + Zr	0.003
Mn	1.48	-	-
P	0.018	-	-
S	0.015	-	-
Ni	0.02	-	-
Cr	0.04	-	-
Mo	0.001	-	-
V	0.003	-	-
Cu	0.11	-	-
-	-	-	-

### Mechanical Properties

According to EN 10204:2004 - 3.1

	Test Result
Tensile Strength (MPa)	565
Yield Strength (MPa)	470
Elongation (%)	26
Impact Strength (J)	93, 104, 99
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:** 07/02/2025

*This digitally prepared certificate is valid without signature*



### Remarks:

TEST RESULTS BASED ON SHIELDING GAS M21

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