

Certificate Number: XP-02312

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: 25031550

Item Number: XP10245
Description: XP SG2 (G3Si1)
Dimensions: Ø 0.8 (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 | 0.013 |
| Si | 0.86 | Ti + Zr | 0.003 |
| Mn | 1.48 | - | - |
| P | 0.012 | - | - |
| S | 0.011 | - | - |
| Ni | 0.01 | - | - |
| Cr | 0.02 | - | - |
| Mo | 0.004 | - | - |
| V | 0.004 | - | - |
| Cu | 0.09 | - | - |
| - | - | - | - |

Mechanical Properties

According to EN 10204:2004 - 3.1

| | Test Result |
|------------------------|---------------|
| Tensile Strength (MPa) | 560 |
| Yield Strength (MPa) | 475 |
| Elongation (%) | 28 |
| Impact Strength (J) | 107, 102, 107 |
| 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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