

**Certificate Number: XP-02708**

Customer:

Order Number:

Quantity Purchased:

Lot Number: 25122701

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       | 0.007               |
| Si       | 0.87                | Ti + Zr  | 0.005               |
| Mn       | 1.44                | -        | -                   |
| P        | 0.016               | -        | -                   |
| S        | 0.012               | -        | -                   |
| Ni       | 0.02                | -        | -                   |
| Cr       | 0.03                | -        | -                   |
| Mo       | 0.003               | -        | -                   |
| V        | 0.004               | -        | -                   |
| Cu       | 0.15                | -        | -                   |
| -        | -                   | -        | -                   |

### 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: 05/05/2026

*This digitally prepared certificate is valid without signature*



### Remarks:

TEST RESULTS BASED ON SHIELDING GAS M21

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