

# INSPECTION CERTIFICATE

in ACCORDANCE with - EN 10204:2004

**Certificate Number: XP-02843**

**Customer:**

**Order Number:**

**Quantity Purchased:**

**Lot Number: 26031071**

**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        | 0.06                | Al       | 0.005               |
| Si       | 0.88                | Ti + Zr  | 0.004               |
| Mn       | 1.51                | -        | -                   |
| P        | 0.011               | -        | -                   |
| S        | 0.008               | -        | -                   |
| Ni       | 0.01                | -        | -                   |
| Cr       | 0.02                | -        | -                   |
| Mo       | 0.003               | -        | -                   |
| V        | 0.005               | -        | -                   |
| Cu       | 0.13                | -        | -                   |
| -        | -                   | -        | -                   |

## 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:** 22/07/2026

*This digitally prepared certificate is valid without signature*



**Remarks:**  
TEST RESULTS BASED ON SHIELDING GAS M21

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