

**Certificate Number: XP-02590**

Customer:

Order Number:

Quantity Purchased:

Lot Number: **240245**

EN/ISO Standards: 636-A  
EN/ISO Classification: W 42 4 3Si1  
AWS Standard: A5.18  
AWS Classification: ER70S-6

Item Number: XP10336  
Description: XP ER 70S-6 (A18)  
Dimensions: Ø 2.4 x 1000 (mm)  
Packaging / Weight: Tube - 5kg

### Chemical Composition

According to EN 10204:2004 - 3.1

| Elements | Test Result % (m/m) | Elements | Test Result % (m/m) |
|----------|---------------------|----------|---------------------|
| C        | 0.090               | Ti       | 0.0010              |
| Si       | 0.870               | Zr       | 0.0010              |
| Mn       | 1.440               | Cu       | 0.010               |
| P        | 0.009               | -        | -                   |
| S        | 0.016               | -        | -                   |
| Ni       | 0.010               | -        | -                   |
| Cr       | 0.010               | -        | -                   |
| Mo       | 0.001               | -        | -                   |
| V        | 0.001               | -        | -                   |
| Al       | 0.002               | -        | -                   |
| -        | -                   | -        | -                   |

### 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: 19/11/2025

*This digitally prepared certificate is valid without signature*



Remarks:

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