

**Certificate Number: XP-02149**

Customer:

Order Number:

EN/ISO Standards: 636-A  
EN/ISO Classification: W 2Ti  
AWS Standard: A5.18  
AWS Classification: ER70S-2

Quantity Purchased: 900 kg

Lot Number: 220094

Item Number: XP10306  
Description: XP ER 70S-2 (A15)  
Dimensions: Ø 1.6 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        | 0.043               | Ti       | 0.0668              |
| Si       | 0.476               | Zr       | 0.0500              |
| Mn       | 1.188               | Cu       | 0.097               |
| P        | 0.010               | -        | -                   |
| S        | 0.003               | -        | -                   |
| Ni       | 0.014               | -        | -                   |
| Cr       | 0.043               | -        | -                   |
| Mo       | 0.003               | -        | -                   |
| V        | 0.002               | -        | -                   |
| Al       | 0.073               | -        | -                   |
| -        | -                   | -        | -                   |

## Mechanical Properties

According to EN 10204:2004 - 2.2

|                        | Test Result |
|------------------------|-------------|
| Tensile Strength (MPa) | 560         |
| Yield Strength (MPa)   | 480         |
| Elongation (%)         | 24          |
| Impact Strength (J)    | >50         |
| Test Temperature (°C)  | -30         |
| 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: 11/12/2024

*This digitally prepared certificate is valid without signature*



Remarks:

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