

**Certificate Number: XP-02119**

Customer:

Order Number:

Quantity Purchased: 80 kg

Lot Number: 531202-09122

EN/ISO Standards: 18273  
 EN/ISO Classification: S Al 5356 (AlMg5Cr(A))  
 AWS Standard: A5.10  
 AWS Classification: ER5356

Item Number: XP25251  
 Description: XP 5356  
 Dimensions: Ø 1.2 (mm)  
 Packaging / Weight: S200 Plastic - 2kg

### Chemical Composition

According to EN 10204:2004 - 3.1

| Elements | Test Result % (m/m) | Elements | Test Result % (m/m) |
|----------|---------------------|----------|---------------------|
| Si       | 0.066               | -        | -                   |
| Fe       | 0.138               | -        | -                   |
| Cu       | 0.026               | -        | -                   |
| Mn       | 0.085               | -        | -                   |
| Mg       | 4.992               | -        | -                   |
| Cr       | 0.073               | -        | -                   |
| Zn       | 0.037               | -        | -                   |
| Ti       | 0.075               | -        | -                   |
| Al       | REM                 | -        | -                   |
| Be       | ≤0.0003             | -        | -                   |
| -        | -                   | -        | -                   |

### Mechanical Properties

According to EN 10204:2004 - 3.1

|                        | Test Result |
|------------------------|-------------|
| Tensile Strength (MPa) | 291         |
| Yield Strength (MPa)   | 138         |
| Elongation (%)         | 24          |
| Impact Strength (J)    | 31          |
| Test Temperature (°C)  | 25          |
| 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: 11/11/2024

*This digitally prepared certificate is valid without signature*



Remarks:

TEST RESULTS BASED ON SHIELDING GAS (I1)

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