

Certificate Number: XP-02121

Customer:

Order Number:

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

Quantity Purchased: 210 kg

Lot Number: 531007-09107

Item Number: XP25257
 Description: XP 5356
 Dimensions: Ø 1.0 (mm)
 Packaging / Weight: BS300 Basket - 7kg

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)

Scan to Download

