

**Certificate Number: XP-02117**

Customer:

Order Number:

Quantity Purchased: 100 kg

Lot Number: 531005-09085

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

Item Number: XP25239  
 Description: XP 5356  
 Dimensions: Ø 1.0 (mm)  
 Packaging / Weight: S100 Plastic - 0.5kg

### 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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