

Certificate Number: WBR-02203

Customer:

Order Number:

Quantity Purchased: 8,640kg

Lot Number: 25021505

EN/ISO Standards: 14341-A
EN/ISO Classification: G 42 3 C1 3Si1 / G 42 4 M21 3Si1
AWS Standard: A5.18
AWS Classification: ER70S-6

Item Number: WBR-1508
Description: WeldIber SG2
Dimensions: Ø 0.8 (mm)
Packaging / Weight: S300 Plastic - 15kg

Chemical Composition

According to EN 10204:2004 - 3.1

Elements	Test Result % (m/m)	Elements	Test Result % (m/m)
C	0.07	Al	0.02
Si	0.86	Ti + Zr	0.15
Mn	1.48	-	-
P	0.015	-	-
S	0.011	-	-
Ni	0.01	-	-
Cr	0.02	-	-
Mo	0.003	-	-
V	0.005	-	-
Cu	0.12	-	-
-	-	-	-

Mechanical Properties

According to EN 10204:2004 - 3.1

	Test Result
Tensile Strength (MPa)	545
Yield Strength (MPa)	445
Elongation (%)	27
Impact Strength (J)	100, 119, 114
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: 01/05/2025

This digitally prepared certificate is valid without signature



Remarks:

TEST RESULTS BASED ON SHIELDING GAS M21

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