

**Certificate Number: WBR-02205**

Customer:

Order Number:

**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

**Quantity Purchased:** 8,640 kg

**Lot Number:** 25021507

**Item Number:** WBR-1512  
**Description:** Weldlber SG2  
**Dimensions:** Ø 1.2 (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	0.011
Si	0.86	Ti + Zr	0.006
Mn	1.48	-	-
P	0.012	-	-
S	0.010	-	-
Ni	0.01	-	-
Cr	0.02	-	-
Mo	0.004	-	-
V	0.006	-	-
Cu	0.09	-	-
-	-	-	-

### Mechanical Properties

According to EN 10204:2004 - 3.1

	Test Result
Tensile Strength (MPa)	550
Yield Strength (MPa)	455
Elongation (%)	28
Impact Strength (J)	93, 120, 113
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:** 13/05/2025

*This digitally prepared certificate is valid without signature*



### Remarks:

TEST RESULTS BASED ON SHIELDING GAS M21

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