

INSPECTION CERTIFICATE

in ACCORDANCE with - EN 10204:2004

Certificate No. WS-1433

Customer	WILKINSON STAR LIMITED	Product Diameter	1.00 mm
Purchase Order No.	PO0020455	Net Weight	15 kg
Product Group	GMAW Wire	Spool Type	D300 PLW
Brand Name	WELD STAR SG2 (G3Si1)	Item No.	3010200525
EN/ISO Standards	14341-A	Mfg. Date	04/23
EN/ISO Classification	G 42 3 C1 / G 42 4 M21 3Si1	Issue Date	08/05/2023
AWS-Standard	A5.18	Quantity	118,800 kg
AWS-Classification	ER 70S-6	Lot / Batch No.	23611810

Chemical Composition - According to EN 10204:2004 - 3.1

Elements	Min % (m/m)	Max % (m/m) ^a	Test Result % (m/m)
C	0.06	0.14	0.066
Si	0.70	1.00	0.88
Mn	1.30	1.60	1.52
P		0.025	0.015
S		0.025	0.012
Ni		0.15	0.011
Cr		0.15	0.012
Mo		0.15	0.010
V		0.03	0.010
Cu ^b		0.35	0.084
Al		0.02	0.0028
Ti + Zr		0.15	0.011

Harmonised Technical Specification - (EN ISO 14341:2020)
a (Single values show in the table are maximum values)
b (Includes copper coating)

Mechanical Properties - According to EN 10204:2004 - 3.1

	Tensile Strength (N/mm ²)	Yield Strength (N/mm ²)	Elongation (%)	Impact Strength (J)	Test Temperature	Hardness (HRC)
Requirement	500 - 640	>420	>20	>47	-40°C	-
Test Result*	558	450	27.0	86, 93, 90	-40°C	-

*Shielding Gas - EN ISO 14175:2008 - M21

We hereby certify that this report is correct and all results are in conformity with the declared specifications described herein.

Jason Ford
Product Manager - Wires & Electrodes

City: Manchester, UK

Date: 08/05/2023



This digitally prepared certificate is valid without signature

Remarks

Lot Classification acc. EN ISO 14344:2010 - Class S3 single batch.
HEAT NO. E42302907BX