

INSPECTION CERTIFICATE

ACCORDING to REGULATION No. EN 10204:2004

Certificate No. WS-1255

Customer	WILKINSON STAR LIMITED	Product Diameter	0.80 mm
Purchase Order No.	PO0019917	Net Weight	15 kg
Product Group	GMAW Wire	Spool Type	D300 PLW
Brand Name	WELD STAR SG2 (G3Si1)	Item No.	3010200523
EN/ISO Standards	14341-A	Mfg. Date	-
EN/ISO Classification	G 42 3 C1 / G 42 4 M21 3Si1	Issue Date	10/01/2023
AWS-Standard	A5.18	Quantity	23,760 kg
AWS-Classification	ER 70S-6	Lot / Batch No.	22741808

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	0.072
Si	0.70	1.00	0.83
Mn	1.30	1.60	1.48
P		0.025	0.014
S		0.025	0.0080
Ni		0.15	0.010
Cr		0.15	0.010
Mo		0.15	0.010
V		0.03	0.010
Cu ^b		0.35	0.10
Al		0.02	0.0026
Ti + Zr		0.15	0.016

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*	620	535	26.0	75, 83, 72	-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: 10/01/2023



This digitally prepared certificate is valid without signature

Remarks