

INSPECTION CERTIFICATE

ACCORDANCE with - EN 10204:2004

Certificate No. WS-800038537

Customer	WILKINSON STAR LIMITED	Product Diameter	1.20 mm
Purchase Order No.	PO0020466	Net Weight	15 kg
Product Group	GMAW Wire	Spool Type	BS300
Brand Name	WELD STAR SG2 (G3Si1)	Item No.	3010200453
EN/ISO Standards	14341-A	Mfg. Date	..
EN/ISO Classification	G 42 3 C1 / G 42 4 M21 3Si1	Issue Date	13/09/2023
AWS-Standard	A5.18	Quantity	11880 kg
AWS-Classification	ER 70S-6	Lot / Batch No.	23736412

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	0.088
Si	0.70	1.00	0.86
Mn	1.30	1.60	1.48
P		0.025	0.0093
S		0.025	0.0060
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	0.0017
Ti + Zr		0.15	0.012

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*	569	462	25.0	85, 114, 96	-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.

Wilkinson Star Limited
Wires & Electrodes

City: Manchester, UK

Date: 21/11/2023



This digitally prepared certificate is valid without signature

Remarks