

**CUSTOMER/CLIENTE**KILKENNY WELDING SUPPLIES
CUFFESGRANGE Co KILKENNY
KILKENNY IRLANDA**DELIVERY:**KWS HIRE
TIMAHOE ROAD
PORTLAOISE, CO.LAOIS R32 T447**MTC - INSPECTION CERTIFICATE (3.1)** Analisi chimica / Chemical analysis**TEST REPORT (2.2)** Caratteristiche Meccaniche / Mechanical propertiesCert n° : 250812-0014A1-0001 **ORDINE n°:** PL010009 **COLATA / BATCH n°:** 92045 **DATA / DATE:** 12/03/2026**NOME DEL PRODOTTO / PRODUCT NAME:** NOVOFIL SG2 / NOVOBRONZE SG2**STANDARD CLASSIFICATION:** AWS A5.18: ER70S-6 | EN ISO 14341-A: G 3Si1 | G 38 2 C1 3Si1 | G 42 4 M21 3Si1

CSA W48 | B-G 49A 3 C1 S6 | B-G 49A 3 M21 S6

DETTAGLI PRODOTTI / PRODUCT DETAILS:

DIAM.1.20 mm BRONZED S-300 15KG (Kg.3.240) WIRNOVBD123

CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA

Acc. to EN 10204 - 3.1

C	Si	Mn	P	S	Cu	Cr	Mo	Ni	Al	Ti	V	Zr
0.071	0.94	1.63	0.01	0.006	0.018	0.03	0.008	0.017	0.002	0.001	0.002	0

MECHANICAL PROPERTIES OF ALL WELD METAL | CARATTERISTICHE MECCANICHE(Shielding gas 80% Argon + 20% CO₂, and 100% CO₂) | Typical data / acc. to EN 10204 - 2.2

	M21	C1
	STAND	STAND
Yield strength Re / Snervamento	> 420 Mpa	> 380 Mpa
Tensile strength Rm / Carico di Rottura	> 500 Mpa	> 470 Mpa
Elongation A5d / Allungamento	> 20%	> 20%
Impact test Kv (-40°C) / Resilienza	> 47 J	
Impact test Kv (-30°C) / Resilienza	> 47 J	
Impact test Kv (-20°C) / Resilienza	> 47 J	> 47 J
Impact test Kv (+20°C) / Resilienza	> 47 J	> 47 J

COMMENT:

We hereby confirm that the material herein described has been manufactured, sampled, tested and inspected in accordance with referred standards. Product supplied under a QA Programme fulfilling the EN ISO 9001 standard. This certificate is produced electronically and is valid without signature.

POR/BY/DE
DPT. QUALITY

0035-CPR-C606

Mod. P4 - 15

Rev. 1 del 2019

UE n.1214/2023: The production factor used for our products do not have Russian origin.

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Capitale Sociale Euro 1.232.400 i.v. | N. iscr. Reg. Imprese, C.F. e Part. IVA IT 01666380645 | C.C.I.A.A. Avellino N. REA AV - 97138