



**CUSTOMER / CLIENTE**  
KILKENNY WELDING SUPPLIES  
CUFFESGRANGE Co KILKENNY  
KILKENNY IRLANDA

**DELIVERY:** PORTLAOISE, CO.LAOIS IRLANDA

**MTC - INSPECTION CERTIFICATE (3.1)** Analisi chimica / Chemical analysis  
**TEST REPORT (2.2)** Caratteristiche Meccaniche / Mechanical properties

Cert n°: 1001597003 PO. n°: PL009182 / 22/07/2025 COLATA/BATCH n°: 268850 DATA/DATE: 29/07/2025

**NOME DEL PRODOTTO / PRODUCT NAME:** NOVOFIL SG3 / NOVOBRONZE SG3  
**STANDARD CLASSIFICATION:** SFA/AWS A5.18: ER70S-6 | ISO 14341-A : G 42 3 C G4Si1 / G 46 4M21 4Si1  
**DETTAGLI PRODOTTI / PRODUCT DETAILS:**  
DIAM.1.00 mm P.L.W. BRONZE S-300 (Kg.2.160)

**CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA**

Acc. to EN 10204 - 3.1

C	Mn	S	P	Si	Cu	Al	Mo	Ni	Cr	Ti	V	N	As
0.063	1.623	0.017	0.009	0.968	0.038	0.002	0.006	0.026	0.044	0.009	0.004	0.0027	0.0022

**MECHANICAL PROPERTIES OF ALL WELD METAL | CARATTERISTICHE MECCANICHE**

(Shielding gas 80% Argon + 20% CO<sub>2</sub>, and 100% CO<sub>2</sub>) | Typical data / acc. to EN 10204 - 2.2

	M21	C1
	value / Valore	value / Valore
Yield strength Re / Snervamento	510 MPa	450 Mpa
Tensile strength Rm / Carico di Rottura	580 MPa	550 MPa
Elongation A5d / Allungamento	26%	26%
Impact test Kv (-40°C) / Resilienza	70 J	-
Impact test Kv (-30°C) / Resilienza	80 J	-
Impact test Kv (-20°C) / Resilienza	100 J	60 J
Impact test Kv (+20°C) / Resilienza	140 J	100 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.

**NOVOFIL S.p.A.**

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