



CUSTOMER/CLIENTE
KILKENNY WELDING SUPPLIES
CUFFESGRANGE Co KILKENNY
KILKENNY IRLANDA

DELIVERY:
KWS HIRE
TIMAHOE ROAD
PORTLAOISE, CO. LAOIS R32 T447 IRLANDA

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

Cert n° : 000190 **ORDINE n°:** PL010198 **COLATA / BATCH n°:** 2122156 **DATA / DATE:** 29/04/2026

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.1.00 mm BRONZE S-300 15KG (Kg.7.560)
DIAM.1.20 mm BRONZE S-300 15KG (Kg.4.320)
DIAM.1.00 mm S-300 15KG (Kg.7.560)

CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA

Acc. to EN 10204 - 3.1

C	Si	Mn	P	S	Cu	Cr	Mo	Ni	Al	N	V	B
0.070	0.805	1.436	0.010	0.004	0.004	0.017	0.001	0.015	0.003	0.007	0.006	0.0002

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.

RSGQ

GAETANO PARENTE

POR/BY/DE
DPT. QUALITY



0035-CPR-C606
RMod. 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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