



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°: 25010191 ORDINE n°: PL009555 COLATA / BATCH n°: 2116752 DATA / DATE: 13/11/2025

NOME DEL PRODOTTO / PRODUCT NAME: NOVOFIL 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 BRONZE S-300 15 KG (Kg.2.160)
DIAM.1.00 mm DRUM NOVOFIL BRONZE 250KG (Kg.1.000)

CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA

Acc. to EN 10204 - 3.1

C	Mn	S	P	Si	Cu	Al	V	Ni	Cr	N	Mo
0.079	1.672	0.006	0.012	0.850	0.012	0.002	0.006	0.011	0.015	0.0074	0.001

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
	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.

S.S. 7 bis Km. 306,900 - 83030 Manocalzati (AV) Italia | Tlf. +39 0825 675451-52 | Fax +39 0825 675164 | www.novofil.it | info@novofil.it
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