



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°: 2122152 DATA / DATE: 29/04/2026

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.1.40 mm BRONZATO FUSTO 250KG (Kg.3.000)
DIAM.1.20 mm BRONZATO FUSTO 250KG (Kg.2.000)

CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA

Acc. To EN 10204 - 3.1

C	Mn	S	P	Si	Cu	Al	V	Ni	Cr	N	Mo
0.078	1.671	0.005	0.013	0.808	0.004	0.002	0.007	0.014	0.017	0.0066	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.

RSGQ

GAETANO PARENTE

POR/BY/DE
DPT. QUALITY



0035-CPR-C606
Mod. P4 - 15
v. 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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