NOVOFIL
WELDING WIRE

CUSTOMER/CLIENTE
KILKENNY WELDING SUPPLIES
CUFFESGRANGE Co KILKENNY
KILKENNY IRLANDA
DELIVERY/CONSEGNA
KWS Hire
TIMAHOE ROAD
PORTLAOISE, CO. LAOIS R32 T447 IRLANDA

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

Cert n° : 1003959236 **ORDINE n°**PL010722 **COLATA / BATCH n°:** 612022 **DATA / DATE:** 04/09/2026

NOME DEL PRODOTTO / PRODUCT NAME: NOVOFIL SG2
STANDARD CLASSIFICATION: AWS A5.18: ER70S-6 | EN ISO 14341-A: G 3Si1 | G 38 A C1 3Si1 | G 42 4 M21 3Si1
DETTAGLI PRODOTTI / PRODUCT DETAILS:
DIAM. 1.00mm S300 15KG (Kg.6.480)
DIAM. 1.00mm DRUM 250KG (Kg.1.000)
DIAM. 1.00mm S300 15KG (Kg.8.640)

CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA
Acc. to EN 10204 - 3.1

C	Si	Mn	P	S	Cu	Cr	Mo	Ni	Al	N	V	Ti	As
0.08	0.849	1.45	0.010	0.010	0.05	0.05	0.011	0.021	0.004	0.0046	0.0040	0.0091	0.001

MECHANICAL PROPERTIES OF ALL WELD METAL | CARATTERISTICHE MECCANICHE
(Shielding gas 80% Argon + 20% CO_2, and 100% CO_2) | *Typical data / acc. to EN 10204 - 2.2*

	M21		C1
	Value/Valore	STAND	STAND
Yield strength Re / Snervamento	470 Mpa	> 420 Mpa	>400 Mpa
Tensile strength Rm / Carico di Rottura	560 Mpa	> 500 Mpa	>480 Mpa
Elongation A5d / Allungamento	26%	> 20%	>20%
Impact test Kv (-40°C) / Resilienza	60 J	> 47 J	-
Impact test Kv (-30°C) / Resilienza	-	> 47 J	>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

CE
0035-CPR-C606
Mod. P4 – 15
Rev. 1 del 2019
REF.DOP:NOVOFILSG2

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