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°: 25010359 **ORDINE n°:** PL010722 **COLATA / BATCH n°:** 2122154 **DATA / DATE:** 04/09/2026

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 5 C1/M21 4Si1
DETTAGLI PRODOTTI / PRODUCT DETAILS:
DIAM. 1.20mm DRUM 250KG (Kg.8.000)

CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA

Acc. to EN 10204 - 3.1

C	Mn	S	P	Si	Cu	Al	V	Ni	Cr	N	Mo	B	Ca
0.080	1.623	0.004	0.008	0.844	0.004	0.003	0.006	0.015	0.019	0.0093	0.001	0.0004	0.0004

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	value / Valore
Yield strength Re / Snervamento	546 MPa	>420 Mpa
Tensile strength Rm / Carico di Rottura	637 MPa	>500 MPa
Elongation A5d / Allungamento	26%	20%
Impact test Kv (-50°C) / Resilienza	58 J	-
Impact test Kv (-30°C) / Resilienza	-	-
Impact test Kv (-20°C) / Resilienza	-	-
Impact test Kv (+20°C) / Resilienza	-	-

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

CE
0035-CPR-C606
Mod. P4 – 15
Rev. 1 del 2019
REF.DOP.NOVOFILSG3

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