



CUSTOMER / CLIENTE
SVETSEKONOMI SISAB SKOVDE
RATTVAGEN 9
54124 SKOVDE SVEZIA

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

Cert n°: 100137390/2 PO. n°: 130622S COLATA / BATCH n°: 882120 DATA / DATE: 22/06/2022

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.0.80 mm P.L.W. D-300 (Kg.2.880) - DIAM.1.00 mm P.L.W. D-300 (Kg.2.880)

CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA

Acc. to EN 10204 - 3.1

C	Mn	S	P	Si	Cu	Al	Mo	Ni	Cr	Ti	N	As	V
0.067	1.632	0.017	0.008	0.977	0.029	0.002	0.003	0.022	0.026	0.003	0.0033	0.0021	0.003

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

NOVOFIL S.p.A.