

DATA STAMPA: Stamping Date	15/09/22	CERTIFICATO N°: Certificate number	M13407	VERGELLA: Wire rod	IT-SG2	COLATA: Charge	220134	CLIENTE / CUSTOMER PAWLOWSKI GMBH	051362
DDT N°	Vs.Rif.Ord. / Your ref. Nr.	Ns.Rif.Ord. Our ref. Nr.		Quantità (KG) Quantity (KG)				OGGENHAUSER HAUPTSTRASSE,77	
22 BO 002644 2,00	137384	22 OC 2586 1,00		200,000				89522 HEIDENHEIM OGGENHAUSEN	D

CARATTERISTICHE MECCANICHE TIPICHE DEL DEPOSITO / TYPICAL MECHANICAL PROPERTIES OF ALL-WELD METAL

SECTION 1

Rm N/mm ² Tensile Strength MPa	550	Rs N/mm ² Yeld Strength MPa	450	Al % 5d Elongation Percent	>24	KV (J) Impact Test	>80(-40 C)	Hardness (HRC)	
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ANALISI CHIMICA COLATA / CHEMICAL ANALYSIS (HEAT)

SECTION 2

C %:	0,066	Si %:	0,845	Mn %:	1,440	P %:	0,007	S %:	0,013	Cr %:	0,029	Mo %:	0,004	B ppm:	8
Ni %:	0,014	V %:	0,001	W %:		Ti %:	0,0010	Al %:	0,001	Zr %:	0,0040	Sn %:	0,0010	Ca ppm:	5
Nb %:		Sb %:		As %:	0,0020	N ppm:	50	O ppm:		Cu* %:	0,130	Fx =			

* = incluso rivestimento / coating included

Fx = (10P + 5 Sb + 4 Sn + As) / 100 (elements in ppm)

CARATTERISTICHE FINALI DEL PRODOTTO / FINAL CHARACTERISTICS OF THE PRODUCT

TIPO: Type	IT-SG2	DIAMETRO (mm):	D.0,80	RIVESTIMENTO: Coating	X	Ramato / Coppered Bronzato / Bronzed Extra / Non ramato / Uncoppered
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MIG/TIG: **M**

Si certifica che il prodotto è conforme all'ordine / We attest that the product is conform to the order

CLASSIFICAZIONI: SFA-AWS A5.18 ER70S-6
Classifications EN ISO 14341-A- G 42 4 C1/M21 3Si1
CSA W48-18 B-G 49A 3 C1 S6
Complies to ASME Section II Part C

Articolo Cliente:
Customer Code:

Member of CISQ Federation

Certified Quality System
According to **UNI EN ISO 9001:2015**
Certificate n° 300/96/S

ITALFIL S.p.A.
Quality System Manager




0045

06

DoP n DM001

DIN EN 13479 + DIN EN ISO 14341

To be used for fusion welding of metallic structures or composite metal and concrete structures in construction works



CERTIFICATO DI COLLAUDO

INSPECTION CERTIFICATE

SECTION 1 ACCORDING TO EN 10204 - 2.2

SECTION 2 ACCORDING TO EN 10204 - 3.1

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DDT N°		Vs.Rif.Ord. / Your ref. Nr.		Ns.Rif.Ord. Our ref. Nr.		Quantità (KG) Quantity (KG)		OGGENHAUSER HAUPTSTRASSE,77	
22 BO 002644 4,00		137384		22 OC 2586 2,00		2.304,000		89522 HEIDENHEIM OGGENHAUSEN	D

CARATTERISTICHE MECCANICHE TIPICHE DEL DEPOSITO / TYPICAL MECHANICAL PROPERTIES OF ALL-WELD METAL

SECTION 1

Rm N/mm ² 550	Rs N/mm ² 450	Al % 5d >24	KV (J) >80(-40 C)	Hardness (HRC)
Tensile Strength MPa	Yeld Strength MPa	Elongation Percent	Impact Test	

ANALISI CHIMICA COLATA / CHEMICAL ANALYSIS (HEAT)

SECTION 2

C %: 0,066	Si %: 0,845	Mn %: 1,440	P %: 0,007	S %: 0,013	Cr %: 0,029	Mo %: 0,004	B ppm: 8
Ni %: 0,014	V %: 0,001	W %:	Ti %: 0,0010	Al %: 0,001	Zr %: 0,0040	Sn %: 0,0010	Ca ppm: 5
Nb %:	Sb %:	As %: 0,0020	N ppm: 50	O ppm:	Cu* %: 0,130	Fx =	

* = incluso rivestimento / coating included

Fx = (10P + 5 Sb + 4 Sn + As) / 100 (elements in ppm)

CARATTERISTICHE FINALI DEL PRODOTTO / FINAL CHARACTERISTICS OF THE PRODUCT

TIPO: AT-SG2	DIAMETRO D.0,80	RIVESTIMENTO: X	Ramato / Coppered
Type	(mm):	Coating	Bronzato / Bronzed
			Extra / Non ramato / Uncoppered

MIG/TIG: **M**

Si certifica che il prodotto è conforme all'ordine / We attest that the product is conform to the order

CLASSIFICAZIONI: SFA-AWS A5.18 ER70S-6
 Classifications EN ISO 14341-A- G 42 4 C1/M21 3Si1

Complies to ASME Section II Part C

Articolo Cliente:
 Customer Code:

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 According to **UNI EN ISO 9001:2015**
 Certificate n° 300/96/S

ITALFIL S.p.A.
 Quality System Manager



0045

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DoP n DM009

DIN EN 13479 + DIN EN ISO 14341

To be used for fusion welding of metallic
 structures or composite metal and
 concrete structures in construction works