



# CERTIFICATO DI COLLAUDO

## INSPECTION CERTIFICATE

SECTION 1 ACCORDING TO EN 10204 - 2.2

SECTION 2 ACCORDING TO EN 10204 - 3.1

DATA STAMPA: Stamping Date	30/11/22	CERTIFICATO N°: Certificate number	M13714	VERGELLA: Wire rod	AT-SG2	COLATA: Charge	220137	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 003547 4,00		138589		22 OC 3906 2,00		1.152,000		89522 HEIDENHEIM OGGENHAUSEN	D

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

SECTION 1

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

### ANALISI CHIMICA COLATA / CHEMICAL ANALYSIS (HEAT)

SECTION 2

C %:	<b>0,062</b>	Si %:	<b>0,890</b>	Mn %:	<b>1,450</b>	P %:	<b>0,013</b>	S %:	<b>0,017</b>	Cr %:	<b>0,030</b>	Mo %:	<b>0,010</b>	B ppm:	<b>1</b>
Ni %:	<b>0,030</b>	V %:	<b>0,002</b>	W %:		Ti %:	<b>0,0005</b>	Al %:	<b>0,001</b>	Zr %:	<b>0,0001</b>	Sn %:	<b>0,0020</b>	Ca ppm:	<b>2</b>
Nb %:		Sb %:		As %:	<b>0,0040</b>	N ppm:	<b>68</b>	O ppm:	<b>23</b>	Cu* %:	<b>0,140</b>	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: <b>AT-SG2</b>	DIAMETRO <b>D.0,80</b>	RIVESTIMENTO: <b>X</b>	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:

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 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

DATA STAMPA: Stamping Date	<b>30/11/22</b>	CERTIFICATO N°: Certificate number	<b>M13714</b>	VERGELLA: Wire rod	<b>IT-SG2</b>	COLATA: Charge	<b>220137</b>	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 003547 2,00	138589	22 OC 3906 1,00		100,000				89522 HEIDENHEIM OGGENHAUSEN	D

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

**SECTION 1**

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

**SECTION 2**

C %:	<b>0,062</b>	Si %:	<b>0,890</b>	Mn %:	<b>1,450</b>	P %:	<b>0,013</b>	S %:	<b>0,017</b>	Cr %:	<b>0,030</b>	Mo %:	<b>0,010</b>	B ppm:	<b>1</b>
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Nb %:		Sb %:		As %:	<b>0,0040</b>	N ppm:	<b>68</b>	O ppm:	<b>23</b>	Cu* %:	<b>0,140</b>	Fx =			

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

**CARATTERISTICHE FINALI DEL PRODOTTO / FINAL CHARACTERISTICS OF THE PRODUCT**

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

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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

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