



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	M16117	VERGELLA: Wire rod	AT-SG2	COLATA: Charge	220161	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 10,00		138589		22 OC 3906 4,00		4.608,000		89522 HEIDENHEIM OGGENHAUSEN	D

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

SECTION 1

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

SECTION 2

C %: 0,080	Si %: 0,870	Mn %: 1,410	P %: 0,012	S %: 0,013	Cr %: 0,050	Mo %: 0,009	B ppm: 5
Ni %: 0,030	V %: 0,003	W %:	Ti %: 0,0059	Al %: 0,002	Zr %: 0,0030	Sn %: 0,0040	Ca ppm: 5
Nb %:	Sb %:	As %: 0,0030	N ppm: 42	O ppm: 35	Cu* %: 0,150	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 Type	DIAMETRO D.1,00 (mm):	RIVESTIMENTO: X Coating	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

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	30/11/22	CERTIFICATO N°: Certificate number	M16117	VERGELLA: Wire rod	IT-SG2	COLATA: Charge	220161	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 8,00	138589	22 OC 3906 3,00		100,000				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 Yield 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 %:	0,080	Si %:	0,870	Mn %:	1,410	P %:	0,012	S %:	0,013	Cr %:	0,050	Mo %:	0,009	B ppm:	5
Ni %:	0,030	V %:	0,003	W %:		Ti %:	0,0059	Al %:	0,002	Zr %:	0,0030	Sn %:	0,0040	Ca ppm:	5
Nb %:		Sb %:		As %:	0,0030	N ppm:	42	O ppm:	35	Cu* %:	0,150	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.1,00	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:
Classifications

SFA-AWS A5.18 ER70S-6
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:

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

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