



# 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	16/11/21	CERTIFICATO N°: Certificate number	L20913	VERGELLA: Wire rod	AT-SG3	COLATA: Charge	210209	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	
21 BO 003520 5,00	135036	21 OC 3858 5,00		2.304,000				89522 HEIDENHEIM OGGENHAUSEN	D

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

SECTION 1

Rm N/mm <sup>2</sup> <b>590</b>	Rs N/mm <sup>2</sup> <b>500</b>	Al % 5d <b>26</b>	KV (J) <b>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>0,073</b>	Si %: <b>0,970</b>	Mn %: <b>1,638</b>	P %: <b>0,009</b>	S %: <b>0,015</b>	Cr %: <b>0,027</b>	Mo %: <b>0,003</b>	B ppm: <b>4</b>
Ni %: <b>0,021</b>	V %: <b>0,003</b>	W %:	Ti %: <b>0,0080</b>	Al %: <b>0,003</b>	Zr %: <b>0,0018</b>	Sn %: <b>0,0020</b>	Ca ppm: <b>6</b>
Nb %:	Sb %:	As %: <b>0,0019</b>	N ppm: <b>28</b>	O ppm:	Cu* %: <b>0,131</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-SG3</b>	DIAMETRO <b>D.1,00</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 46 4 C1/M21 4Si1  
 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 Assurance Manager

R.A.Q. R.C.Q.  
 P.I. DALLA VECCHIA ANDREA



0045

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DoP n DM010

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