



# 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	13/12/17	CERTIFICATO N°: Certificate number	H21113	VERGELLA: Wire rod	AT-SG2	COLATA: Charge	17211	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	
17 BO 004437 10,00		BEST.NR.121939 VOM 16/11/17		17 OC 4605 4,00		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>0,090</b>	Si %: <b>0,838</b>	Mn %: <b>1,440</b>	P %: <b>0,009</b>	S %: <b>0,013</b>	Cr %: <b>0,020</b>	Mo %: <b>0,002</b>
Ni %: <b>0,012</b>	V %: <b>0,004</b>	W %: <b>0,010</b>	Ti %: <b>0,0010</b>	Al %: <b>0,002</b>	Zr %: <b>0,0018</b>	Sn %: <b>0,0020</b>
Nb %: <b>0,0010</b>	Sb %:	As %: <b>0,0020</b>	N ppm: <b>50</b>	O ppm: <b>39</b>	Cu* %: <b>0,120</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.1,20</b>	RIVESTIMENTO: <b>X</b>	Ramato / Coppered
Type	(mm):	Coating	Bronzato / Bronzed
			Extra / Non ramato / Uncoppered

MIG/TIG: **M**

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

**Articolo Cliente:**  
Customer Code:

Member of CISQ Federation

Certified Quality System  
According to **UNI EN ISO 9001:2008**  
Certificate n° 300/96/S

**ITALFIL S.p.A.**  
Quality Assurance Manager

R.A.Q. R.C.Q.  
P.I. DALLA VECCHIA ANDREA  
*Andrea Dalla Vecchia*



0045

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DoP n° DM009

DIN EN 13479 + DIN EN ISO

Use in metallic structures or in composite metal and concrete structures