

DATA STAMPA: Stamping Date	<b>21/05/18</b>	CERTIFICATO N°: Certificate number	<b>103413</b>	VERGELLA: Wire rod	<b>EVO 3</b>	COLATA: Charge	<b>18034</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	
18 BO 001888 16,00		IHRE BESTELLUNG NR. 123217		18 OC 1462 6,50		1.080,000		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>590</b>	Rs N/mm <sup>2</sup> Yeld Strength MPa	<b>500</b>	Al % 5d Elongation Percent	<b>26</b>	KV (J) Impact Test	<b>80(-40°C)</b>	Hardness (HRC)	
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**ANALISI CHIMICA COLATA / CHEMICAL ANALYSIS (HEAT)**

**SECTION 2**

C %:	<b>0,073</b>	Si %:	<b>0,934</b>	Mn %:	<b>1,618</b>	P %:	<b>0,007</b>	S %:	<b>0,016</b>	Cr %:	<b>0,026</b>	Mo %:	<b>0,005</b>
Ni %:	<b>0,030</b>	V %:	<b>0,003</b>	W %:		Ti %:	<b>0,0090</b>	Al %:	<b>0,003</b>	Zr %:	<b>0,0002</b>	Sn %:	<b>0,0060</b>
Nb %:		Sb %:		As %:	<b>0,0023</b>	N ppm:	<b>48</b>	O ppm:		Cu* %:	<b>0,052</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: Type	<b>EVO 3</b>	DIAMETRO (mm):	<b>D.1,00</b>	RIVESTIMENTO: Coating	Ramato / Coppered Bronzato / Bronzed <b>X</b> Extra / Non ramato / Uncoppered
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MIG/TIG: **M**

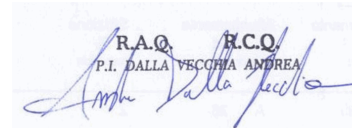
**CLASSIFICAZIONI:** SFA-AWS A5.18 ER70S-6  
Classifications: EN ISO 14341-A- G 46 4 C1/M21 4Si1

**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




0045

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DoP n° DM039

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

DATA STAMPA: Stamping Date	<b>21/05/18</b>	CERTIFICATO N°: Certificate number	<b>103413</b>	VERGELLA: Wire rod	<b>AT-SG3</b>	COLATA: Charge	<b>18034</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	
18 BO 001888 14,00		IHRE BESTELLUNG NR. 123217		18 OC 1462 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>0,934</b>	Mn %: <b>1,618</b>	P %: <b>0,007</b>	S %: <b>0,016</b>	Cr %: <b>0,026</b>	Mo %: <b>0,005</b>
Ni %: <b>0,030</b>	V %: <b>0,003</b>	W %:	Ti %: <b>0,0090</b>	Al %: <b>0,003</b>	Zr %: <b>0,0002</b>	Sn %: <b>0,0060</b>
Nb %:	Sb %:	As %: <b>0,0023</b>	N ppm: <b>48</b>	O ppm:	Cu* %: <b>0,172</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.0,80</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 46 4 C1/M21 4Si1

**Articolo Cliente:**  
Customer Code:

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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° 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

Mod.ANALITA Rev 00 - 01/12/2017