



CERTIFICATO DI COLLAUDO

I S P E C T I O N C E R T I F I C A T E

SECTION 1 ACCORDING TO EN 10204 - 2.2

SECTION 2 ACCORDING TO EN 10204 - 3.1

DATA STAMPA: Stamping Date	30/03/18	CERTIFICATO N°: Certificate number	104013	VERGELLA: Wire rod	AT-SG3	COLATA: Charge	18040	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 001215 6,00		IHRE BEST.N.123040 VOM 14.03.18		18 OC 1195 3,00		2.304,000		89522 HEIDENHEIM OGGENHAUSEN	D

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

SECTION 1

Rm N/mm ² 590	Rs N/mm ² 500	Al % 5d 26	KV (J) 80(-40°C)	Hardness (HRC)
Tensile Strength MPa	Yeld Strength MPa	Elongation Percent	Impact Test	

ANALISI CHIMICA COLATA / CHEMICAL ANALYSIS (HEAT)

SECTION 2

C %: 0,073	Si %: 0,982	Mn %: 1,633	P %: 0,009	S %: 0,018	Cr %: 0,043	Mo %: 0,011
Ni %: 0,060	V %: 0,002	W %:	Ti %: 0,0120	Al %: 0,002	Zr %: 0,0001	Sn %: 0,0050
Nb %:	Sb %:	As %: 0,0021	N ppm: 43	O ppm:	Cu* %: 0,160	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-SG3	DIAMETRO D.1,20	RIVESTIMENTO: X	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:

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
Andrea Dalla Vecchia



0045

06

DoP n° DM010

DIN EN 13479 + DIN EN ISO

Use in metallic structures or in composite metal and concrete structures

DATA STAMPA: Stamping Date	21/05/18	CERTIFICATO N°: Certificate number	104013	VERGELLA: Wire rod	EVO 3	COLATA: Charge	18040	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 20,00		IHRE BESTELLUNG NR. 123217		18 OC 1462 8,50		1.080,000		89522 HEIDENHEIM OGGENHAUSEN	D

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

SECTION 1

Rm N/mm ² Tensile Strength MPa	590	Rs N/mm ² Yeld Strength MPa	500	Al % 5d Elongation Percent	26	KV (J) Impact Test	80(-40°C)	Hardness (HRC)	
--	------------	---	------------	-------------------------------	-----------	-----------------------	------------------	----------------	--

ANALISI CHIMICA COLATA / CHEMICAL ANALYSIS (HEAT)

SECTION 2

C %:	0,073	Si %:	0,982	Mn %:	1,633	P %:	0,009	S %:	0,018	Cr %:	0,043	Mo %:	0,011
Ni %:	0,060	V %:	0,002	W %:		Ti %:	0,0120	Al %:	0,002	Zr %:	0,0001	Sn %:	0,0050
Nb %:		Sb %:		As %:	0,0021	N ppm:	43	O ppm:		Cu* %:	0,060	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	EVO 3	DIAMETRO (mm):	D.1,20	RIVESTIMENTO: Coating	Ramato / Coppered Bronzato / Bronzed X 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:

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
Andrea Dalla Vecchia



0045

15

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