



# CERTIFICATO DI COLLAUDO

## INSPECTION CERTIFICATE

SECTION 1 ACCORDING TO EN 10204 - 2.2

SECTION 2 ACCORDING TO EN 10204 - 3.1

|                               |                             |                                       |                                |   |        |                   |        |                                      |        |
|-------------------------------|-----------------------------|---------------------------------------|--------------------------------|---|--------|-------------------|--------|--------------------------------------|--------|
| DATA STAMPA:<br>Stamping Date | 16/11/21                    | CERTIFICATO N°:<br>Certificate number | L24613                         | VERGELLA:<br>Wire rod   | AT-SG3 | COLATA:<br>Charge | 210246 | CLIENTE / CUSTOMER<br>PAWLOWSKI GMBH | 051362 |
| DDT N°                        | Vs.Rif.Ord. / Your ref. Nr. | Ns.Rif.Ord.<br>Our ref. Nr.           | Quantità (KG)<br>Quantity (KG) |   |        |                   |        |                                      |        |
| 21 BO 003520 5,00             | 135036                      | 21 OC 3858 5,00                       | 2.304,000                      | OGGENHAUSER HAUPTSTRASSE,77<br>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>0,072</b>  | Si %: <b>0,967</b> | Mn %: <b>1,648</b>  | P %: <b>0,009</b>   | S %: <b>0,016</b>  | Cr %: <b>0,035</b>  | Mo %: <b>0,004</b>  | B ppm: <b>5</b>  |
| Ni %: <b>0,024</b> | V %: <b>0,004</b>  | W %:                | Ti %: <b>0,0030</b> | Al %: <b>0,002</b> | Zr %: <b>0,0010</b> | Sn %: <b>0,0030</b> | Ca ppm: <b>5</b> |
| Nb %:              | Sb %:              | As %: <b>0,0210</b> | N ppm: <b>42</b>    | O ppm:             | Cu* %: <b>0,136</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  
*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