



# CERTIFICATO DI COLLAUDO

## ISPECTION CERTIFICATE

SECTION 1 ACCORDING TO EN 10204 - 2.2

SECTION 2 ACCORDING TO EN 10204 - 3.1

|                                        |                                                    |                                |                            |                                                             |        |
|----------------------------------------|----------------------------------------------------|--------------------------------|----------------------------|-------------------------------------------------------------|--------|
| DATA STAMPA: 30/07/15<br>Date of stamp | CERTIFICATO N°: F16113<br>Certificate number       | VERGELLA: AT-SG2<br>Type       | COLATA: 15161<br>Heat      | CLIENTE / CUSTOMER<br>PAWLOWSKI GMBH                        | 051362 |
| DDT N°<br>15 BO 002912 10,00           | Vs.Rif.Ord.<br>BESTELLAUFTRAG N 114452 DD 03/07/15 | Ns.Rif.Ord.<br>15 OC 2853 3,00 | Quantità (KG)<br>1.024,000 | OGGENHAUSER HAUPTSTRASSE,77<br>89522 HEIDENHEIM OGGENHAUSEN |        |

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

SECTION 1

|                                                  |                                               |                                   |                                  |                |
|--------------------------------------------------|-----------------------------------------------|-----------------------------------|----------------------------------|----------------|
| Rm N/mm <sup>2</sup> 550<br>Tensile Strength MPa | Rs N/mm <sup>2</sup> 450<br>Yeld Strength MPa | Al % 5d >24<br>Elongation Percent | KV (J) >80(-40°C)<br>Impact Test | Hardness (HRC) |
|--------------------------------------------------|-----------------------------------------------|-----------------------------------|----------------------------------|----------------|

### ANALISI CHIMICA COLATA / CHEMICAL ANALYSIS (HEAT)

SECTION 2

|             |             |             |              |             |              |             |
|-------------|-------------|-------------|--------------|-------------|--------------|-------------|
| C %: 0,080  | Si %: 0,833 | Mn %: 1,460 | P %: 0,013   | S %: 0,014  | Cr %: 0,040  | Mo %: 0,003 |
| Ni %: 0,010 | V %: 0,004  | W %:        | Ti %: 0,0010 | Al %: 0,003 | Zr %: 0,0025 | Sn %:       |
| Nb %:       | Sb %:       | As %:       | N ppm:       | O ppm:      | Cu* %: 0,170 | 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-SG2<br>Type | DIAMETRO: D.1,00<br>Diameter | RIVESTIMENTO: X<br>Coating | Ramato / Coppered<br>Bronzato / Bronzed<br>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:**  
Costomer 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



0045

06

DoP n° DM009

DIN EN 13479 + DIN EN ISO 14341

Use in metallic structures or in composite  
metal and concrete structures