



CERTIFICATO DI COLLAUDO

INSPECTION CERTIFICATE

SECTION 1 ACCORDING TO EN 10204 - 2.2

SECTION 2 ACCORDING TO EN 10204 - 3.1

| | | | | | | | | | |
|-------------------------------|-----------------|---------------------------------------|---------------|-------------------|---------------|-----------------|--------------|--------------------------------------|--------|
| DATA STAMPA: Date of stamp | 20/05/16 | CERTIFICATO N°: Certificate number | G03713 | VERGELLA: Type | AT-SG3 | COLATA: Heat | 16037 | CLIENTE / CUSTOMER PAWLOWSKI GMBH | 051362 |
| DDT N° | | Vs.Rif.Ord. | | Ns.Rif.Ord. | | Quantità (KG) | | OGGENHAUSER HAUPTSTRASSE,77 | |
| 16 BO 001852 12,00 | | IHRE BESTELLUNG VOM 18/04/2016 | | 16 OC 1821 5,00 | | 1.152,000 | | 89522 HEIDENHEIM OGGENHAUSEN | |

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 Yield 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 %: | 0,064 | Si %: | 0,982 | Mn %: | 1,635 | P %: | 0,006 | S %: | 0,020 | Cr %: | 0,034 | Mo %: | 0,007 |
| Ni %: | 0,038 | V %: | 0,003 | W %: | | Ti %: | 0,0090 | Al %: | 0,002 | Zr %: | 0,0001 | Sn %: | |
| Nb %: | | Sb %: | | As %: | 0,0023 | N ppm: | 43 | O ppm: | | Cu* %: | 0,179 | Fx = | |

* = incluso rivestimento / coating included

 $F_x = (10P + 5 Sb + 4 Sn + As) / 100$ (elements in ppm)

CARATTERISTICHE FINALI DEL PRODOTTO / FINAL CHARACTERISTICS OF THE PRODUCT

| | | | | | | |
|---------------|---------------|-----------------------|---------------|--------------------------|----------|--|
| TIPO: Type | AT-SG3 | DIAMETRO: Diameter | D.1,00 | RIVESTIMENTO: Coating | X | Ramato / Coppered Bronzato / Bronzed Extra / Non ramato / Uncoppered |
|---------------|---------------|-----------------------|---------------|--------------------------|----------|--|

MIG/TIG: **M**

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



0045

06

DoP n° DM010

DIN EN 13479 + DIN EN ISO 14341

Use in metallic structures or in composite metal and concrete structures