

DATA STAMPA: Date of stamp	<b>17/03/17</b>	CERTIFICATO N°: Certificate number	<b>H02013</b>	VERGELLA: Type	<b>IT-SG2</b>	COLATA: Heat	<b>17020</b>	CLIENTE / CUSTOMER PAWLOWSKI GMBH	051362
DDT N° 17 BO 000945 2,00	Vs.Rif.Ord. BEST.NR.118584 VOM 24/02/17	Ns.Rif.Ord. 17 OC 809 1,00	Quantità (KG) 40,000	OGGENHAUSER HAUPTSTRASSE,77 89522 HEIDENHEIM OGGENHAUSEN					

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

**SECTION 1**

Rm N/mm <sup>2</sup> Tensile Strength MPa	<b>550</b>	Rs N/mm <sup>2</sup> Yield Strength MPa	<b>450</b>	Al % 5d Elongation Percent	<b>&gt;24</b>	KV (J) Impact Test	<b>&gt;80(-40°C)</b>	Hardness (HRC)
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**ANALISI CHIMICA COLATA / CHEMICAL ANALYSIS (HEAT)**

**SECTION 2**

C %:	<b>0,060</b>	Si %:	<b>0,831</b>	Mn %:	<b>1,470</b>	P %:	<b>0,013</b>	S %:	<b>0,015</b>	Cr %:	<b>0,020</b>	Mo %:	<b>0,001</b>
Ni %:	<b>0,004</b>	V %:	<b>0,005</b>	W %:		Ti %:	<b>0,0010</b>	Al %:	<b>0,003</b>	Zr %:	<b>0,0035</b>	Sn %:	<b>0,0020</b>
Nb %:	<b>0,0014</b>	Sb %:	<b>0,0010</b>	As %:	<b>0,0010</b>	N ppm:	<b>58</b>	O ppm:	<b>36</b>	Cu* %:	<b>0,140</b>	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	<b>IT-SG2</b>	DIAMETRO: Diameter	<b>D.0,80</b>	RIVESTIMENTO: Coating	<b>X</b>	Ramato / Coppered Bronzato / Bronzed Extra / Non ramato / Uncoppered
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MIG/TIG: **M**

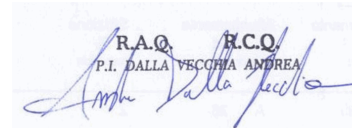
**CLASSIFICAZIONI:** SFA-AWS A5.18 ER70S-6  
Classifications EN ISO 14341-A- G 42 4 C1/M21 3Si1  
CSA W48-14 B-G 49A 3 C1 S6

**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




0045  
06

DoP n° DM001

DIN EN 13479 + DIN EN ISO 14341

Use in metallic structures or in composite metal and concrete structures