

FRICKE SOLDAS LTDA - BALMER

CNPJ: 88.490.610/0001-61

Norm:**EN ISO 14341-A:G3Si1****AWS A5.18 ER70S-6****DIN 8559 SG2****Certificate NO. UNISD21190215/1787**

Date of issue 2021.05.07

Date of test 2021.05.07

Consignee:	FRICKE SOLDAS LTDA. CNPJ: 88.490.610/0001-61, BR 285, km 456,4/ CEP: 98700000 - Ijuí (RS) - Brazil
Commodity Product description: Product name:	MIG Welding Wire Copper Coated WIRE OF SILICO-MANGANESE STEEL AWS 5.18 (ER70S-6) Welding Wire MIG EN ISO 14341-A:G3Si1 DIN 8559 SG2
Size Batch No. Quantity	1.0mm (15kg) 21043179 65250 KGS

Chemical Composition

C	Si	Mn	P	S	Ni	Cr	Mo	Cu
0.06-0.14	0.8-1.15	1.4-1.85	≤0.025	≤0.025	≤0.150	≤0.150	≤0.150	≤0.50
0.079	0.85	1.47	0.016	0.016	0.016	0.037	0.006	0.11

Mechanical Properties of Deposited Metal

Tensile Test		According To : ISO 5178			
Impact Test		According To : ISO 9016			
Tensile Strength R _m (MPa)	Yield Strength R _{eL} /R _{p0.2} (MPa)	Percentage Elongation After Fracture A (L=5D) %	Impact Temp. (°C)	Absorbed Energy KV ₂ (J)	Shielding Gas
550	444	27.50	-40c	81 77 72	CO2

Product supplied under QA program fulfilling the EN ISD9001
This product contains no mercury
This certificate is issued electronically and is valid without signature