

Quality Certification

Customer:	WELDSOLUTIONS	Certificado #	A0401	Product:	ER70S6 1/16
Quantity:	1,000.00 Kgs	Specification:	ASME/A WS A5.18	Date of Production:	13-DIC-2025
Heat: A0401					

Typical Chemical Composition (%)

			C	Mn	Si	P	S	Cu	Ni	Cr	Mo	V
SIZE	LOTE #	Unite weight	0.15-0.06	1.85-1.40	1.15-0.80	0.025 Max.	0.035 Max	0.50 Max	0.15 Max	0.15 Max	0.15 Max	0.03 Max
1/16"	A0401	5 Kgs	0.065	1.43	0.88	0.013	0.006	0.006	0.026	0.030	0.001	0.001

Test of Mechanical Property

Impact Test

SIZE	Unite weight	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation (%)	Temperature (°C)	Impact value (j)
	Standard	400 min	490 min	22 min		
1/16"	5 Kgs	499.14	597.54	27.62		

AWS A5.18

WeldSolutions 

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