

CUSTOMER NAME: WELDSOLUTIONS						INVOICE NO.- AA/082/EXP/2023-2024						
PRODUCT INFORMATION												
PRODUCT: COPPER COATED TIG WIRE						TC. NO.: A034816						
GRADE: ER70S-6						ISSUE DATE: 04/MZO/2024						
SIZE: 1/16"		SIZE TOLERANCE: ±0.002"				HEAT NO.: A0348						
CONDITION: COPPER COATED						QUANTITY: ---2,000.00 KGS						
IDENTIFICATION: PALLET NO: SA-12 SA-13						BLUE PLASTIC TUBE: 5 KGS						
CHEMICAL PROPERTIES OF THE WIRE												
ELEMENTS	C%	Si%	Mn%	P%	S%	Cr%	Ni%	Cu%	Mo%	V%	Al%	
SPECIFICATION (min/max)	0.060	0.80	1.40	---	---	---	---	---	---	---	---	---
	0.150	1.15	1.85	0.025	0.035	0.15	0.15	0.50	0.15	0.03	----	
RESULT	0.074	0.862	1.45	0.011	0.008	0.023	0.025	0.006	0.001	0.001	0.003	
MECHANICAL PROPERTIES OF WELD DEPOSIT												
	DIAMETER (inch)	UTS Mpa(N/mm2)	YS (0.20%) Mpa(N/mm2)	ELONGATION% (L=5d)	IMPACT VALUES -30°C J(Avg)							
REQUIREMENT (min/max)	1/16"	480.00	400	22	27							
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RESULT	1/16"	592.21	493.64	27.80	64							

HEAT TREATMENT: N.A.

REMARKS:

OUR DA NO: 231663

CUSTOMER ORDER 13-JAN-24

MATERIAL CONFIRMS TO ASME SECTION-II, PART-"C" EDITION 2023,

SFA 5.18/SFA 5.18M AND AWS CLASSIFICATION ER-70S6

RADIOGRAPHIC TEST: SATISFACTORY

MADE IN INDIA

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN

MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH

THE CUSTOMERS REQUIREMENTS, NEEDS AND EXPECTATIONS MECHANICAL TEST

RESULTS ARE TAKEN RANDOMLY FROM THE LOT

WS Soldaduras y Aditamentos SA de CV
Avenida La Llave 1933 Interior 2
Colonia Valle de la Misericordia CP45615
Tlaquepaque Jalisco México