

CUSTOMER NAME: WELDSOLUTIONS						INVOICE NO.- AA/074/EXP/22-23						
PRODUCT INFORMATION												
PRODUCT: COPPER COATED TIG WIRE						TC. NO.: A031732						
GRADE: ER70S-6						ISSUE DATE: 14/02/2023						
SIZE: 1/8"		SIZE TOLERANCE: ±0.002"				HEAT NO.: A0317						
CONDITION: COPPER COATED						QUANTITY: 1,200.00 KGS						
IDENTIFICATION: PALLET NO: SA-18						BLUE PLASTIC TUBE: 5 KGS						
CHEMICAL PROPERTIES OF THE WIRE												
ELEMENTS	C%	Si%	Mn%	P%	S%	Cu%	Cr%	Ni%	Mo%	V%	Al%	
SPECIFICATION (min/max)	0.060	0.80	1.40	---	---	---	---	---	---	---	---	
	0.150	1.15	1.85	0.025	0.035	0.50	0.15	0.15	0.15	0.03	---	
RESULT	0.062	0.85	1.46	0.026	0.015	0.004	0.026	0.017	0.001	0.003	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)	0.123" 0.127"	480 ----	400 ----	22 ----	27 ----							
RESULT	0.125"	593.49	487.19	27.30	63							

HEAT TREATMENT: N.A.

REMARKS: OUR DA NO: 22868
 CUSTOMER ORDER NO.: 26-AGO-22
 MATERIAL CONFIRMS TO ASME SECTION-II, PART-"C" EDITION 2021,
 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

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