

CUSTOMER NAME: WELDSOLUTIONS						INVOICE NO.- AA/004/EXP/23-24						
PRODUCT INFORMATION												
PRODUCT: COPPER COATED TIG WIRE						TC. NO.: A032932						
GRADE: ER70S-6						ISSUE DATE: 03/05/2023						
SIZE: 1/8" X 36"		SIZE TOLERANCE: ±0.002"				HEAT NO.: A0329						
CONDITION: COPPER COATED						QUANTITY: 5,000.00 KGS						
IDENTIFICATION: PALLET NO: WA-01 TO WA-05						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	0.080	0.83	1.44	0.011	0.006	0.020	0.030	0.010	0.010	0.005	0.005	
MECHANICAL PROPERTIES OF WELD DEPOSIT												
	DIAMETER	UTS	YS (0.20%)	ELONGATION%	IMPACT VALUES							
	(inch)	Mpa(N/mm2)	Mpa(N/mm2)	(L=5d)	-30°C J(Avg)							
REQUIREMENT (min/max)	0.123" 0.127"	480 ----	400 ----	22 ----	27 ----							
RESULT	0.125"	596.85	490.23	27.40	65							

HEAT TREATMENT: N.A.

REMARKS:

OUR DA NO: 222111

CUSTOMER ORDER NO.: 17-MZO-23

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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