

CUSTOMER NAME: WELDSOLUTIONS						INVOICE NO.- AA/017/EXP/22-23					
PRODUCT INFORMATION											
PRODUCT: COPPER COATED TIG WIRE						TC. NO.: A028024					
GRADE: ER70S-6						ISSUE DATE: 05/07/2022					
SIZE: 3/32"		SIZE TOLERANCE: ±0.002"				HEAT NO.: A0280					
CONDITION: COPPER COATED CUT LENGHT						QUANTITY: 1,000.00 KGS					
IDENTIFICATION: PALLET NO: WS-02						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	0.061	0.835	1.44	0.015	0.009	0.010	0.021	0.021	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)	0.091" 0.095"	480 ----	400 ----	22 ----	27 ----						
RESULT	0.093"	588.74	490.33	27.50	63						

HEAT TREATMENT: N.A.

Certificacion ACC TO BS EN 10204/3.1

REMARKS: OUR DA NO: 211783 (R2)
 CUSTOMER ORDER NO.: 14-FEB-22
 MATERIAL CONFIRMS TO ASME SECTION-II, PART-"C" EDITION 2019,
 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 WHIT SATISFACTORY RESULTS IN ACCORDANCE WHIT
 THE CUSTOMERS REQUIREMENTS, NEEDS AND EXPECTATIONS MECHANICAL TEST
 RESULTS ARE TAKEN RANDOML Y FROM THE LOT

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