

CUSTOMER NAME: WELDSOLUTIONS						INVOICE NO.- AA/082/EXP/23-24						
PRODUCT INFORMATION												
PRODUCT: STAINLESS STEEL MIG WIRE						TC. NO.: A323212						
GRADE: ER-316L						ISSUE DATE: 04/MZO/2024						
SIZE: 0.045"		SIZE TOLERANCE: +-0.001"				HEAT NO.: --A3232						
CONDITION: BRIGHT FINISH						QUANTITY: 1,005.00 KGS						
IDENTIFICATION: PALLET NO: SA20						15 KGS PLASTIC SPOOLS						
CHEMICAL PROPERTIES OF THE WIRE												
ELEMENTS	C%	Si%	Mn%	P%	S%	Cu%	Cr%	Ni%	Mo%	N%		
SPECIFICATION (min/max)	---	0.30	1.00	---	---	---	18.00	11.00	2.00	---		
	0.030	0.65	2.50	0.030	0.030	0.75	20.00	14.00	3.00	---		
RESULT	0.020	0.32	1.54	0.025	0.010	0.10	18.33	11.11	2.01	0.051		
MECHANICAL PROPERTIES OF WELD DEPOSIT												
	DIAMETER	UTS	YS (0.20%)	ELONGATION%	HARDNESS							
	(inch)	Mpa(N/mm2)	Mpa(N/mm2)	(L=5d)								
REQUIREMENT (min/max)	0.044	---	N.A.	N.A.	----							
	0.046	----	N.A.	N.A.	----							
RESULT	0.045	1620.22	N.A.	N.A.	----							

HEAT TREATMENT : N.A.

REMARKS: *MATERIAL IS FREE FROM MERCURY CONTAMINATION.

*OUR DA NO: 231663

*CUSTOMER ORDER NO. BY EMAIL DATED: 13-JAN-2024

*MATERIALS CONFIRMS TO ASME SECTION-II, PART-"C" EDITION 2023. SFA 5.9/SFA 5.9M AND AWS CLASSIFICATION ER-316L

*WRC FERRITE: 6.50

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.