



## INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.	MTR NO. / ISSUE DATE	EXP-582/29.12.2022
	PART NO.	7214
INVOICE NO./P.O. NO. : EXP/22-23/680 DT-29.12.2022/41777 DT-04.11.2022	BATCH NO.	T-13412
	GRADE	ER 347(W 19 9Nb)
	SUPPLY CONDITION	STAINLESS STEEL TIG WELDING WIRE
	SURFACE FINISH	BRIGHT DRAWN, BRIGHT FINISH

### CHEMICAL COMPOSITION OF WIRE :-

SR. NO.	DIAMETER (mm)	NUMBER OF PKTS	WEIGHT (KGS)	HEAT NO SPECIFIED	%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Nb	%N2
ELEMENTS %				MIN	-	1.00	-	-	-	19.00	9.00	-	-	10XC	-
				MAX	0.080	2.50	0.65	0.020	0.030	21.00	11.00	0.50	0.50	1.00	-
1	1.60 X 1000	5+1/4	105.00	S1988	0.017	1.77	0.38	0.004	0.027	19.58	9.30	0.08	0.070	0.20	0.0605

### MECHANICAL PROPERTIES OF WIRE :-

SL. NO.	SAMPLE DIAMETER	TENSILE STRENGTH	0.2% PROOF STRESS	ELONGATION %	REDUCTION OF AREA %	CHARPY IMPACT VALUE (Joules) Temp. AT (RT)	FERRITE NO (FN) (WRC-1992)	INCLUSION RATING				
								A	A	A	A	A
-	(mm)	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )	Lo=100	-	-	-	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN
1	1.60	961	-	-	-	-	11	-	-	-	-	-

### SPECIFICATION :-

TENSILE STRENGTH  
DIAMETER TOLERANCE  
% ELONGATION  
MATERIAL SPECIFICATION

AS PER DIN EN ISO 14343-A  
AS PER ISO 544  
STANDARD  
MATERIAL CONFORMS TO DIN EN ISO 14343-A

MATERIAL IS FREE FROM MERCURY CONTAMINATION , FREE FROM WELD AND WELD REPAIRS .  
RADIOACTIVITY TEST : WE CONFIRM THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION.

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND COMPLIES WITH THE TERMS OF ORDER / CONTRACT.

Specialised Welding Products Ltd

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