



INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.					MTR NO. / ISSUE DATE					EXP-199/08.09.2022				
					PART NO.					7227				
INVOICE NO./P.O. NO. : EXP/22-23/349 DT-08.09.2022/41066 DT-24.05.2022					BATCH NO.					T-13058				
					GRADE					ER 312/(W 29 9)				
					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	%N2
ELEMENTS %				MIN	-	1.00	-	-	-	28.00	8.00	-	-	-
				MAX	0.15	2.50	1.00	0.020	0.030	32.00	12.00	0.50	0.50	-
1	1.60 X 1000	05	100.00	E52015	0.090	1.80	0.38	0.001	0.020	30.70	8.80	0.09	0.070	0.0683
MECHANICAL PROPERTIES OF WIRE :-														
SL. NO.	SAMPLE DIAMETER (mm)	TENSILE STRENGTH (N/mm ²)	0.2% PROOF STRESS (N/mm ²)	ELONGATION % (Lo=100)	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 ²)	(N/mm ²)	Lo=100	-	-	-	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN
1	1.60	1001	-	-	-	-	85	-	-	-	-	-	-	-
SPECIFICATION :-			AS PER DIN EN ISO 14343-A											
TENSILE STRENGTH			AS PER ISO 544											
DIAMETER TOLERANCE			STANDARD											
% ELONGATION			MATERIAL CONFORMS TO DIN EN ISO 14343-A											
MATERIAL SPECIFICATION														
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.														

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