



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.	7228
		BATCH NO.	T-13059
		GRADE	ER 312/(W 29 9)
INVOICE NO./P.O. NO. : EXP/22-23/349 DT-08.09.2022/41066 DT-24.05.2022		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	2.40 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
1	2.40	882	-	-	-	-	85	-	-	-	-	-	-

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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