



INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.	MTR NO. / ISSUE DATE	EXP-274/13.09.2023
	PART NO.	7208
INVOICE NO./P.O. NO. : EXP/23-24/404 DT-13.09.2023/42913 DT-27.06.2023	BATCH NO.	M-14530
	GRADE	ER 312/(G 29 9)
	SUPPLY CONDITION	STAINLESS STEEL MIG WELDING WIRE
	SURFACE FINISH	BRIGHT DRAWN, BRIGHT FINISH

CHEMICAL COMPOSITION OF WIRE :-

SR. NO.	DIAMETER (mm)	NUMBER OF SPOOLS	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	0.80 (SD200/5KGS)	11	55.00	E61825	0.094	1.84	0.37	0.001	0.021	30.66	8.78	0.07	0.060	0.0503

MECHANICAL PROPERTIES OF ALL WELD METAL :-

SL. NO.	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			
-	(N/mm ²)	(N/mm ²)	Lo=100	-	-	-	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN
1	714	508	28	72	88	87	-	-	-	-	-	-	-	-

SPECIFICATION :-

TENSILE STRENGTH
DIAMETER TOLERANCE
% ELONGATION
MATERIAL SPECIFICATION
COUNTRY OF ORIGIN

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

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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