



# INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-UK

INVOICE NO./P.O. NO. : EXP/22-23/349 DT-08.09.2022/41066 DT-24.05.2022	MTR NO. / ISSUE DATE	EXP-199/08.09.2022
	PART NO.	7209
	BATCH NO.	M-12212
	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
1	1.00 (SD200/5KGS)	10	50.00	E53251	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
					0.091	1.80	0.38	0.001	0.020	30.60	8.80	0.09	0.090	0.0467

MECHANICAL PROPERTIES OF WIRE :-

SL. NO.	SAMPLE DIAMETER (mm)	TENSILE STRENGTH (N/mm <sup>2</sup> )	0.2% PROOF STRESS (N/mm <sup>2</sup> )	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	A	
1	1.00	1471	-	-	-	-	-	88	-	-	-	-	-	-

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 COMPLES WITH THE TERMS OF ORDER / CONTRACT.

Specialised Welding Products Ltd

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