



INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-UK

INVOICE NO./P.O. NO. : EXP/22-23/528 DT-10.11.2022/41482 DT-05.09.2022		MTR NO. / ISSUE DATE		EXP-411/10.11.2022
		PART NO.		7224
		BATCH NO.		T-13483
		GRADE		ER 316L/(W 19 12 3 L)
		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	-	-	-	18.00	11.00	-	2.00	-
					MAX	0.030	2.50	0.65	0.030	20.00	14.00	0.75	3.00	-
1	1.60 X 1000	100	2000.00	CH-17784	0.020	1.90	0.41	0.006	0.029	18.61	11.17	0.44	2.060	0.0750

MECHANICAL PROPERTIES OF ALL WELD METAL :-

SL. NO.	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											
1	626	468	38	72	98	7	A	THICK	THIN	A	THICK	THIN	A	THICK	THIN	A	THICK	THIN
1	626	468	38	72	98	7	A	THICK	THIN	A	THICK	THIN	A	THICK	THIN	A	THICK	THIN

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.