



INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.	MTR NO. / ISSUE DATE	EXP-411/10.11.2022
	PART NO.	7199
INVOICE NO./P.O. NO. : EXP/22-23/528 DT-10.11.2022/41482 DT-05.09.2022	BATCH NO.	M-12604
	GRADE	ER 316LSi/(G 19 12 3 L Si)
	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 MAX	- 0.030	1.00 2.50	0.65 1.00	- 0.030	- 0.030	18.00 20.00	11.00 14.00	- 0.75	2.00 3.00	- -
1	0.80 (SD100/0.700KGS)	80	56.00	A-5488	0.026	1.75	0.77	0.005	0.029	18.51	11.10	0.26	2.030	0.0570

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
1	634	478	36	72	102	7	-	-	-	-	-

SPECIFICATION :-

TENSILE STRENGTH
DIAMETER TOLERANCE
% ELONGATION
MATERIAL SPECIFICATION

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

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.