



## INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.	MTR NO. / ISSUE DATE	EXP-250/13.09.2023
	PART NO.	7198
INVOICE NO./P.O. NO. : EXP/23-24/404 DT-13.09.2023/42795 DT-02.06.2023	BATCH NO.	M-14498
	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
<b>ELEMENTS %</b>				<b>MIN MAX</b>	- <b>0.030</b>	<b>1.00 2.50</b>	<b>0.65 1.20</b>	- <b>0.020</b>	- <b>0.030</b>	<b>18.00 20.00</b>	<b>11.00 14.00</b>	- <b>0.50</b>	<b>2.50 3.00</b>	- -
1	0.60 (SD100/0.700KGS)	30	21.00	<b>19477</b>	0.022	1.84	0.86	0.010	0.028	18.80	11.19	0.49	2.600	0.0850

### 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 <sup>2</sup> )	(N/mm <sup>2</sup> )	Lo=100	-	-	-	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN
1	628	470	36	68	98	8	-	-	-	-	-	-	-	-

### 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**

Unit 1, Withins Point, Withins Road, Haydock Industrial Centre, Haydock, WA11 9UD, UK T: 01942 719930 E: sales@swp.uk.net

[www.specialisedwelding.co.uk](http://www.specialisedwelding.co.uk)