



## INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.	MTR NO. / ISSUE DATE	EXP-562/30.11.2023
	PART NO.	7199
INVOICE NO./P.O. NO. : EXP/23-24/598 DT-30.11.2023/43555 DT-31.10.2023	BATCH NO.	M-15342
	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>1.00</b>	<b>0.65</b>	-	-	<b>18.00</b>	<b>11.00</b>	-	<b>2.50</b>	-
1	0.80 (SD100/0.700KGS)	50	35.00	<b>20581</b>	0.025	1.85	0.87	0.004	0.028	18.64	11.15	0.39	2.57	0.0860

### 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
1	634	479	36	72	104	7	-	-	-	-	-

### 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 [Specialised Welding Products Ltd.](http://www.specialisedwelding.co.uk)

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