



## INSPECTION CERTIFICATE According to EN 10204 3.1

<b>CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.</b>		<b>MTR NO. / ISSUE DATE</b>	EXP-199/08.09.2022
		<b>PART NO.</b>	7206
		<b>BATCH NO.</b>	M-12162
		<b>GRADE</b>	ER 316LSi/(G 19 12 3 L Si)
<b>INVOICE NO./P.O. NO. : EXP/22-23/349 DT-08.09.2022/41066</b> <b>DT-24.05.2022</b>		<b>SUPPLY CONDITION</b>	STAINLESS STEEL MIG WELDING WIRE
		<b>SURFACE FINISH</b>	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</b>	-	<b>1.00</b>	<b>0.65</b>	-	-	<b>18.00</b>	<b>11.00</b>	-	<b>2.00</b>	-
				<b>MAX</b>	<b>0.030</b>	<b>2.50</b>	<b>1.00</b>	<b>0.030</b>	<b>0.030</b>	<b>20.00</b>	<b>14.00</b>	<b>0.75</b>	<b>3.00</b>	-
1	1.00 (BS300/15KGS)	160	2400.00	<b>CH-17159</b>	0.025	1.83	0.81	0.002	0.026	18.70	11.20	0.30	2.050	0.0750

**MECHANICAL PROPERTIES OF WIRE :-**

SL. NO.	SAMPLE DIAMETER	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	
-	(mm)	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )	Lo=100	-	-	-	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN
1	1.00	1638	-	-	-	-	6	-	-	-	-	-	-

**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.

**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)