



INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.	MTR NO. / ISSUE DATE EXP-199/08.09.2022 PART NO. 7198 BATCH NO. M-12214 GRADE ER 316LSi/(G 19 12 3 L Si) SUPPLY CONDITION STAINLESS STEEL MIG WELDING WIRE SURFACE FINISH BRIGHT DRAWN, BRIGHT FINISH
INVOICE NO./P.O. NO. : EXP/22-23/349 DT-08.09.2022/41066 DT-24.05.2022	

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	-	1.00	0.65	-	-	18.00	11.00	-	2.00	-
				MAX	0.030	2.50	1.00	0.030	0.030	20.00	14.00	0.75	3.00	-
1	0.60 (SD100/0.700KGS)	52	36.40	CH-17159	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 ²)	(N/mm ²)	Lo=100	-	-	-	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN
1	0.60	1540	-	-	-	-	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

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