

Superon Schweisstechnik India Ltd.

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INSPECTION CERTIFICATE AS PER EN 10204-3.1

CUSTOMER : LLC ALFA GLOBAL-RUSSIA				 An ISO 9001, ISO 14001 & BS OHSAS 18001 Certified Company				MTR NO./ISSUE DATE		EXP-312/29.09.2022							
INVOICE NO. / P.O. NO. : EXP/22-23/432 DT-29.09.2022/SSIL/EXP/PI/22-23/261 DT-29.07.2022								BATCH NO.		T-13280							
				GRADE		ER NiCr-3											
				SUPPLY CONDITION		NICKEL ALLOY TIG WELDING WIRE											
				SURFACE FINISH		BRIGHT DRAWN, BRIGHT FINISH											
				BRAND NAME		AG TIG ER NiCr-3											

CHEMICAL COMPOSITION OF WIRE:-																	
SR. NO.	DIAMETER (mm)	NUMBER OF PKTS	WEIGHT (KGS)	HEAT NO SPECIFIED	%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Ti	%Fe	%Al	%Nb+Ta
ELEMENTS %				MIN	-	2.50	-	-	-	18.00	67.00	-	-	-	-	-	2.00
				MAX	0.10	3.50	0.50	0.015	0.030	22.00	Min.	0.50	-	0.75	3.00	-	3.00
1	2.00 X 1000	05	100.00	RL688	0.030	3.00	0.10	0.001	0.004	20.30	72.20	0.02	0.10	0.38	1.30	0.14	2.32

MECHANICAL PROPERTIES OF WIRE:-															
SL. NO.	SAMPLE DIAMETER	TENSILE STRENGTH	0.2% PROOF STRESS	ELONGATION %	REDUCTION OF AREA %	HARDNESS (BHN)	FERRITE NO (FN) (WRC-1992)	INCLUSION RATING							
								A THICK	A THIN	A THICK	A THIN	A THICK	A THIN		
-	(mm)	(N/mm ²)	(N/mm ²)	Lo=100	-	-	-	-	-	-	-	-	-	-	-
1	2.00	1275	-	-	-	-	-	-	-	-	-	-	-	-	-

SPECIFICATION :- TENSILE STRENGTH DIAMETER TOLERANCE % ELONGATION MATERIAL SPECIFICATION IGC TEST AS PER ASTM A262 PRACTICE "E"		AS PER SFA-5.14/SFA-5.14M AS PER SFA-5.14/SFA-5.14M STANDARD MATERIAL CONFORMS TO SFA-5.14/SFA-5.14M SATISFACTORY
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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.

AUTHORIZED SIGNATORY