



# TEST CERTIFICATE REPORT

*Standard wire products*

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Product	: STAR	Customer name	: RM - CENTRE
Classification	: ER70S-6	Test certificate no	: 1311
Specification	: AWS A5.18-2017;ASME SFA A5.18	Invoice no	: 0311/S/20-21
Batch no	: 10G830014RK02	QTY	: 1500 KG
Size	: 1.20MM		
MFD	: 27.08.2020		

This is to certify that all tests required by the specifications shown for classification were performed, and the material tested met all requirements. It is manufactured and supplied as per the Quality system program of SWP, which meets the requirements of ISO 9001, ANSI/AWS A5.01 and other specification, as applicable

OPERATING PARAMETERS	SIZE OF WIRE(MM)	POLARITY CURRENT TYPE	SHIELDING GAS	NOMINAL VOLTAGE,V	NOMINAL CURRENT, A	STICK OUT DISTANCE, MM	GAS FLOW L/M
REQUIREMENTS	1.20MM	DC+	80%Ar +20%CO2	20-26	120-300	15-25	15-20
RESULT	1.16	DC+	80%Ar + 20%CO2	22	244	18	16

## CHEMICAL COMPOSITIONS OF WIRES

CHEMICAL COMPOSITIONS	C	MN	SI	P	S	CR	V	NI	MO	CU	TI	ZR
REQUIREMENTS	0.06-0.15	1.40-1.85	0.80-1.15	0.025 MAX	0.035MAX	-	-	-	-	0.50MAX	-	-
RESULT	0.066	1.44	0.856	0.015	0.006	-	-	-	-	0.26	-	-

## MECHANICAL PROPERTIES OF WIRE

MECHANICAL PROPERTIES	Tensile strength [Mpa]	Yield Strength [Mpa]	Elongation %	Average impact energy J@-30°C
SPECIFICATION	480 MIN	400 MIN	22 MIN	27
ACTUAL	565	448	27	42

Note :

This documents meets the requirements of EN10204:3.1

Radiographic inspection : Met requirements

Ref No:128/0007

Quality Assurance