



# MILL TEST CERTIFICATE

EN 13479:2004

Our Inv. (Ref) No. CB2401	DATE OF ISSUE Sept, 12th, 2024	CERT NO. 2409176
Produced By: Empresas carbone S.A	Consigned To:	
BRAND MARK Carbone	CLASSIFICATION: AWS A5.1 E7018	

PART NO.	BATCH NO.	DIA./PACK	NET WEIGHT		MFG. DATE
E7018	BUC800	2.5mm*350mm*5kg	1000	KGS	Sept 8, 2024
E7018	BUC801	3.2mm*350mm*5kg	5000	KGS	Sept 8, 2024

CHEMICAL COMPOSITION											ACUTAL VALUES ACC. EN10204 3.1	
REQUIREMENT	C	Si	Mn	P	S	Ni	Cr	Mo	V	Cu	Nb	
	≤0.15	≤0.90	≤1.60	≤0.035	≤0.035	≤0.30	≤0.20	≤0.30	≤0.08	--	--	
BATCH NO												
BUC800	0.064	0.45	1.19	0.011	0.0150	0.001	0.021	0.031	0.017			
BUC801	0.058	0.48	1.08	0.013	0.0080	0.005	0.018	0.031	0.017	--		

MECHANICAL PROPERTIES										
STANDARDS	TENSILE STRENGTH (MPa)		YIELD STRENGTH (MPa)			ELONGATION (%)			IMPACT VALUE (J @-20°C)	
	≥490		≥400			≥22			≥27	
BATCH NO.										
BUC800	545		460			30			138	146 144
BUC801	550		452			28.5			142	146 149

REPORTED STRENGTH VALUES ARE STATISTICAL DATA DERIVED FROM ROUTINE TESTING OF THE ITEM IN QUESTION.

This is to certify that the welding consumable conforms to the above standard.

ISSUED BY:

FUNCTION:

QA MANAGER

DATE:

Sept, 12th, 2024