



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E4043	Norm ASME SFA 5.3-07 AWS A 5.3-99	Brand Name BADEN	Part # 60040432	Diameter 1/8" (3.2MM)	Lot No. 13-0521	Manufactured Date Shown on Package	Date of Issue 01-07-2021		
Mechanical Properties of Deposited Metal				Chemical Composition of Deposited Metal (%)					
Item		Requirement	Actual Result	Element	Requirement	Actual Result	Element	Requirement	Actual Result
Yield Strength Rel(MPa)		--	--	C	Max. 0.05	0.000	S	Max. 0.05	0.000
Tensile Strength Rm(MPa)		--	--	Ni	Max. 0.05	0.000	Fe	Max. 0.8	0.110
Elongation A5 (%)		--	--	Mn	Max. 0.05	0.010	P	Max. 0.05	0.000
Sharp V noch	Impact Temp (°C)	--	--	Mg	Max. 0.05	0.000	Ti	Max. 0.20	0.000
	Av. Absorbed Energy (J)	--	--	Zn	Max. 0.10	0.010	Be	Max. 0.0008	0.0001
X-Ray		--	--	Si	4.5 - 6.0	4.900	Al	Remainder	
Typical moisture of the covering		--	0.27 %	Cu	Max. 0.30	0.030	Fillet weld test of T-joint		--
Approved Classification Grade		CCS (--)	LR (--)	GL (--)	NK (--)	ABS (--)	BV (--)	DNV (--)	KR (--) RINA (--)
10050 NW 116TH Way, Suite 15. Medley, Florida 33178. Telf: 305-4205099				This is to certify that the welding consumable conform with the standard Signature Inspection seal					