



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E6010	Norm AWS A5.1/A5.1M-2012	Brand Name Bauen	Part # 6001002	Diameter 1/8" (3.2mm)	Lot No. 19-313	Manufactured Date Shown on Package	Date of Issue 2019 / 04 / 26		
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)	Min. 330	385	C	Max. 0.20	0.072	Mo	Max. 0.30	0.0010	
Tensile Strength Rm(MPa)	Min. 430	465	Si	Max. 1.00	0.12	V	Max. 0.080	0.0062	
Elongation A5 (%)	Min. 22	25	Mn	Max. 1.20	0.72	Cu	--	--	
Sharp V noch	Impact Temp (°C)	-30	-30	S	--	--	Fe	--	--
	Av. Absorbed Energy (J)	Min. 27	88 91 95	P	--	--	Ti	--	--
X-Ray	GB/T 3323 II	I	Cr	Max. 0.20	0.032	--	--	--	
Hydogen Content (ml/130g)	--	--	Ni	Max. 0.30	0.027	--	--	--	
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				