



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E7010	Norm No aplica	Brand Name Wissen	Part # 6007002	Diameter 1/8" (3.2mm)	Lot No. 19-314	Manufactured Date Shown on Package	Date of Issue 2019 / 05 / 06		
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)	≥400	435	C	≤0.20	0.064	Mo	≤0.30	0.20	
Tensile Strength Rm(MPa)	490~650	520	Si	≤0.90	0.097	V	≤0.080	0.0041	
Elongation A5 (%)	≥20	23	Mn	≤1.25	0.45	Cu	--	--	
Sharp V noch	Impact Temp (°C)	-30	-30	S	≤0.035	0.016	Fe	--	--
	Av. Absorbed Energy (J)	≥27	90 98 88	P	≤0.035	0.021	Ti	--	--
X-Ray	GB/T 3323 II	I	Cr	≤0.20	0.030	--	--	--	
Hydogen Content (ml/130g)	--	--	Ni	≤0.30	0.037	--	--	--	
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 APPROVED BY LIAO YUGANG Inspection seal HoffmanArc®					