



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E7010	Norm No aplica	Brand Name Wissen	Part # 6007003	Diameter 5/32" (4.0 mm)	Lot No. 19-315	Manufactured Date Shown on Package	Date of Issue 2019 / 04 / 30
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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	412	C	≤0.20	0.076	Mo	≤0.30	0.11	
Tensile Strength Rm(MPa)		490~650	495	Si	≤0.90	0.21	V	≤0.080	0.009	
Elongation A5 (%)		≥20	23	Mn	≤1.25	0.67	Cu	--	--	
Sharp V noch	Impact Temp (°C)	-30	-30	S	≤0.035	0.014	Fe	--	--	
	Av. Absorbed Energy (J)	≥27	87 85 97	P	≤0.035	0.025	Ti	--	--	
X-Ray		GB/T 3323 II	I	Cr	≤0.20	0.024	--	--	--	
Hydrogen Content (ml/130g)		--	--	Ni	≤0.30	0.010	--	--	--	
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				