



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type	Norm	Brand Name	Part #	Diameter	Lot No.	Manufactured Date	Date of Issue
E7010-A1	AWS A5.5-2014	WISSEN-A1	6007012	1/8" (3.2mm)	255242	SHOWN ON PACKAGE	13 / 05 / 2026

Mechanical Properties of Deposited Metal	Chemical Composition of Deposited Metal [%]
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Item		Requirement	Actual Result	Element	Requirement	Actual Result	Element	Requirement	Actual Result	
Yield Strength Rel(MPa)		≥390	435	C	≤0.12	0.11	Ni	--	--	
Tensile Strength Rm(MPa)		≥490	527	Si	≤0.40	0.16	V	--	--	
Elongation A(%)		≥22	35.0	Mn	≤0.60	0.42	Cu	--	--	
Impact Test	Impact Temp (°C)	--		S	≤0.03	0.0092	Ti	--	--	
	Impact Absorbed Energy (J)	--		P	≤0.03	0.0068	Al	--	--	
X-Ray		--	Complies	Mo	0.40 – 0.65	0.44	--	--	--	
Moisture Test		≥0.4	0.13	Cr	--	--	Fillet weld test of T-joint		Passed	
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

