TOKO TECHNOLOGY(WUXI) CO.,LTD
MILL TEST CERTIFICATE

TOKO®

Commodity	Dimension	Lot No.	Mfg. Date	Specification & Classification	Date of Issue	Certificate No.
AWS A5.20 E71T-1C	1.2MM	802913	2021/07/05	AWS A5.20 E71T-1C	2021/07/07	20210707C-2

Chemical Composition (%)

Elements	C	Mn	Si	P	S	Cu	Ni	Cr	Mo	V	Fe		
Requirement	≤0.12	≤1.75	≤0.90	≤0.0 3	≤0.03	≤0.35	≤0.50	≤0.20	≤0.30	≤0.08	~		
Deposited Metal	0.06	1.30	0.50	0.014	0.002	0.012	0.063	0.022	0.005	0.002	~		

Mechanical Properties	Tensile Test of Deposited Metal			Impact Test of Deposited Metal		Soundness Test	Welding Condition				Post-weld Heat Treatment
	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation (%)	Test Temp (℃)	Absorbed Energy(Ave) (J)		Type of Current	Amperage	Arc Voltage	Shielding Gas	
Required	≥390	490~670	≥22	-20	≥27	II	DC+	150-300A	23-30V	CO_2	/
Result	480	565	27.5	-20	(89/90/95)	I	DC+	150-300A	23-30V	CO_2	/

Bending Test				Fillet Weld Test	Hardness Test	Moisture	Remarks
Face	Root	Side	Angle	REMARK			
Ok	Ok	/	Ok	APPROVAL			

WE HEREBY CERTIFY THAT ALL TEST RESULTS ARE IN COMPLIANCE WITH THE SPECIFICATIONS DESCRIBED HEREIN.

TOTAL WEIGHTS OF SHIPMENT: 25980.00KGS

ISSUED BY:
TOKO TECHNOLOGY (WUXI) CO., LTD
ADTE: 2021/07/07

Any inquiry contact us
via office@tokoc.com

The information contained or otherwise referenced herein is presented only as "typical" without guarantee or warranty, and TOKO Corporation expressly disclaims any liability incurred from any reliance thereon. Typical data and Test results for mechanical properties, deposit or electrode composition and other properties were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application