


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	≤0.03	≤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 (°C)	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	CO2	/	
Result	480	565	27.5	-20	(89/90/95)	I	DC+	150-300A	23-30V	CO2	/	
Bending Test		Fillet Weld Test		Hardness Test		Moisture	Remarks					
Face	Root	Side	Angle		REMARK							
Ok	Ok	/	Ok		APPROVAL		ISSUED BY: TOKO TECHNOLOGY (WUXI) CO.,LTD ADTE: 2021/07/07					
WE HEREBY CERTIFY THAT ALL TEST RESULTS ARE IN COMPLIANCE WITH THE SPECIFICATIONS DESCRIBED HEREIN.												
TOTAL WEIGHTS OF SHIPMENT: 25980.00KGS												

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