

TOKO TECHNOLOGY (WUXI) CO., LTD

MILL TEST CERTIFICATE

Customer	Commodity	Dimension	Lot No.	Mfg. Date	Specification & Classification			Issue Date	Certificate No.		
-----	E312-16	3.2	S901071332	2019.07.03	GB/T 983-2012 AWS A5.4	E312-16 E312-16		2019.07.05	201907052		
Chemical Composition (%)											
Elements	C	Mn	Si	P	S	Cu	Ni	Cr	Mo	V	Fe
Requirement	≤0.15	0.5~2.5	≤1.00	≤0.03	≤0.02	≤0.75	8.00-10.50	28.0~32.0	≤0.75	/	/
Deposited Metal	0.04	1.24	0.45	0.017	0.006	0.020	9.72	28.25	0.015	/	/
	Tensile Test of Deposited Metal			Impact Test of Deposited Metal			Soundness Test	Welding Condition			Postweld Heat Treatment
	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation (%)	Test Temp (C)	Absorbed Energy(J)	Type of Current		Amperage	Arc Voltage	Shielding Gas	
Requirement	/	≥660	≥22	/	/	II	AC/DC+	80-120A	/	/	/
Test Result	/	760	26	/	/	I	AC/DC+	80-120A	/	/	/

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.

Issue by TOKO GROUP Q.C.

