



**Certificate of Conformance  
to Requirements for Welding Electrode  
EN 10204 3.1**

Customer :		
Product : HN-590	Customer P.O.# : 119737	Certificate No. : F062221-3
Lot No. : 210528	Mesh Size :	Date of Mfg. : 05/28/2021
Specification : --	Classification :-	Date of Issue : 06/25/2021

**CHEMICAL ANALYSIS OF FLUX FOR SUBMERGED ARC WELDING**

SiO <sub>2</sub>	11.7%
Al <sub>2</sub> O <sub>3</sub> + TiO <sub>2</sub>	35.9%
MnO + FeO	13.7%
CaO + MgO + CaF <sub>2</sub>	38.4%



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**Manufacturing, Certification and Limited Warranty Agreement**

Data for the above supplied product are those obtained when welded and tested accordance with the above specification. All tests for the above classification were satisfied. Other tests and procedures may produce different results. The above supplied product are manufactured by Tien Tai Electrode an ITW Co. located at: No.6 Kaifa 4th Rd., Rende Dist., Tainan City 717, Taiwan R.O.C. Hobart Brothers produces welding consumables under continuing quality assurance programs audited and approved by Lloyd's Register Quality Assurance Limited(LRQA)