

Declaration of Performance

No.: KT-CPR-KW-80SNi1/KF-880

Product Name: KW-80SNi1/ KF-880

Date: 2019/11/18

For the construction product		Solid wire electrodes/flux combination
1. Unique identification code for product type		EN ISO 14171-A S 46 6 FB SZ2Ni1 H5 Trade mark: KW-80SNi1/KF-880
2. Intended use for construction product:		Welding consumables used in metallic structures or in composite metal and concrete structures
3. Manufacturer		Kuang Tai Metal Ind. Co. Ltd. No. 20, Gongye Road, Erzhen, Guantian District, Tainan City, 72042, Taiwan R.O.C
4. Authorized representative		Not applied
5. System(s) of AVCP		System 2+
6 a) Harmonized standard:		EN 13479
Notified body/ies:		TÜV NORD Systems GmbH & Co. KG, Hamburg, NB-Registration-no. 0045, No. of FPC-Certificate: 0045-CPR-0767
6 b) European Assessment Document:		Not applied
European Technical Assessment:		Not applied
Technical Assessment Body:		Not applied
Notified body/ies:		Not applied
7. Declared performance:		
Essential characteristics	Performance	Harmonized technical specification
Tolerances on dimensions	Diameter/Particle size	EN ISO 544, Table 2/ISO 14174, Table 7
Elongation	> 20%	EN ISO 14171, Table 1A
Tensile strength	530~680 N/mm ²	EN ISO 14171, Table 1A
Yield strength	> 460 N/mm ² at (R _{eL} , or R _{p0.2})	EN ISO 14171, Table 1A
Impact strength	> 47J at -60°C	EN ISO 14171, Table 3
Chemical composition	SZ requirement	EN ISO 14171, Table 4A
Durability	NPD	
Dangerous substances	NPD	
Emission of radioactivity	NPD	

8. Appropriate Technical Documentation and/or Specific Technical Documentation: Not applied

The performance of the products identified in points 1 and 2 is in conformity with the declared performance in point 7. This Declaration of Performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:



C.H. Wu / QA Department Manager

Tainan, Taiwan 2019/11/18