

# Declaration of Performance

No.: KT-CPR-KMS-82

Product Name:KMS-82

Date:2024/05/08

For the construction product	Stainless steel wire	
1. Unique identification code for product type	S Ni 6082(NiCr20Mn3Nb)/ EN 18274	
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 18274:2023	
Notified body/ies:	TÜV Thüringen e.V. NB-Registration-No.: 0090 No. of FPC-certificate: 0090 CPR 1473	
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	EN 10218-2, Table 1 T3
Impact Strength	-196 °C > 27J	
Tensile strength	≥ 550 N/mm <sup>2</sup>	EN 18274:2023 Table C.1
Elongation	> 30%	
Chemical composition	DIN 2.4806 requirement	EN 18274:2023, Table 1
Durability	Passed	
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:

*David Kuo*

QA Department Manager  
Tainan, Taiwan 2024/05/08