

Declaration of Performance

No.: KT-CPR-KMS316LSi

Product Name:KMS-316LSi

Date:2024/05/08

For the construction product		Wire electrodes
1. Unique identification code for product type	EN ISO 14343-A - G 19 12 3 L Si Trade mark: KMS-316LSi	
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 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 ISO 544, Table 2
Elongation	> 25%	EN ISO 14343, Table A.1
Tensile strength	> 510 N/mm ²	EN ISO 14343, Table A.1
Yield strength	> 320 N/mm ² at R _{p0.2}	EN ISO 14343, Table A.1
Impact strength	> 32J at -196°C	EN 14532-1,, Table D.1, Group 8.1
Chemical composition	19 12 3 L Si requirement	EN ISO 14343, Table 1
Durability	by stainless grade	
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