

acc Regulation (EU) No. 305/2011.

Declaration of performance.

1. Unique identification code of the product-type

LINDE-MIG-AL-5183 (EN ISO 18273 - S Al 5183)

2. Type, batch or serial no. or any other element allowing identification of the construction product

GMAW/GTAW product: LINDE-MIG-AL-5183 (EN ISO 18273 - S Al 5183)

3. Intended use of uses of the product

Welding consumables used in metallic structures or in composite metal and concrete structures

4. Name, registered trade name and contact address of the manufacturer

Linde AG, Linde Gases Division, Seitnerstrasse 70, 82049 Pullach, Germany

5. Name and contact address of authorised representative whose mandate covers the tasks specified in Article 12(2)

Not applicable

6. Systems or systems of assessment and verification of constancy of performance

System 2+

7. Certificate no. (in case of the declaration of performance concerning a construction product covered by a harmonised standard)

Notified factory production control certification body number 0035 – TÜV Rheinland, Am Grauen Stein, 51105 Köln, Germany – performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control; Certificate no: 0035-CPR-C940

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued

Not applicable

9. Declared performance

Essential characteristics (EN 13479: 2004, Annexe ZA)	Performance	Harmonised Technical Specification
Tolerances on dimensions	Passed	EN 13479: 2004, EN ISO 544: 2011
Elongation*	≥ 17%	EN 13479 + EN ISO 18273
Tensile strength*	≥ 275 MPa	EN 13479 + EN ISO 18273
Yield strength*	≥ 125 MPa	EN 13479 + EN ISO 18273
Impact strength*	≥ 16 J (R.T.)	EN 13479 + EN ISO 18273
Chemical composition	Passed	EN 13479 + EN ISO 18273
Durability	Passed	EN 13479: 2004
Dangerous substances	Passed	EN 13479: 2004
Emission of radioactivity	Not relevant	EN 13479: 2004

* These performances relate to the all-weld-metal test conditions as stated in EN ISO 15792-1.

Safety data sheets according to regulations 1907/2006 and 1272/2008 are available at www.linde-gas.com.

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by Dr Nic Bothma, Global Technical Manager – Hardgoods

Linde AG

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