

**1. Unique identification code of the product-type:**

Motomig SG2 Wire 550.5 (EN ISO 14341 - A G 3Si1; EN ISO 14341-A - G 46 4 M21 3Si1)

**2. Intended use:**

Use in metallic structures or in composite metal and concrete structures

**3. Manufacturer:**

Motofil, S.A; R. Tomé de Barros Queirós,135; Zona Ind. Ervosas; 3830-252 Ílhavo; Portugal

**4. Authorised representative:**

Not applicable

**5. System/s of AVCP:**

System 2+

**7. Declared performance:**

Essencial Characteristics (EN 13479:2017, Anexo ZA)	Performance	Harmonised Technical Specification
Chemical composition	Conforme	EN ISO 14341
Elongation (A5)	>20%	EN ISO 14341; EN ISO 14175-M21
Tensile strenght (Rm)	530 MPa - 680 MPa	EN ISO 14341; EN ISO 14175-M21
Yield strenght (Rp <sub>0,2%</sub> )	> 460 MPa	EN ISO 14341; EN ISO 14175-M21
Impact strenght	> 47J a T= -40°C	EN ISO 14341; EN ISO 14175-M21
Tolerances on dimensions	Conforme	EN ISO 544
Dangerous sbstances	PND	EN 13479
Emission of radioactivity	PND	EN 13479

PND – performance not determined

**6. Harmonised standard/ Notified body:**

EN ISO 14341:2011  
Notified factory production control certification body number 0035 - TÜV Rheinland Industrie Service GmbH, Cologne, Germany

**8. Appropriate Technical Documentation and/or Specific Technical Documentation:**

Not applicable

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

**Signed for and on behalf of the manufacturer by:**

João Carlos Fernandes Novo | Manager

At Ílhavo, on February 15th 2019