

6011100351 ER316L Stainless TIG Wire 1.6mm 5kg



Part No: 6011100351

Price: £64.95 (exc VAT) | £77.94 (inc VAT)

Specifications

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Typically used in the food processing, dairy and chemical industries etc.

Test Certificates can be found online @wilkinsonstar247.com

Typical Base Materials

All 300 series austenitic stainless steel, mainly low-carbon molybdenum-bearing*

* Illustrative, not exhaustive list

Standards

EN ISO 14343-A - W 19 12 3 L

AWS A5.9 - ER 316L

Chemical Composition % (Typical)

C% Mn% Si% S% P%

0.021 1.80 0.43 0.005 0.027

Ni% Cr% Mo% Cu%

11.19 18.70 2.62 0.30

Mechanical Properties

Tensile Strength ≥ 510 MPa

Yield Strength ≥ 320 MPa

Elongation ≥ 25 %

Impact Strength ≥ 80 J

Mechanical properties are approximate and may vary based on the heat, shielding gas, welding parameters and other factors.

Shielding Gases

EN ISO 14175 - TIG: I1 (Argon)

Welding Positions

EN ISO 6947 - PA, PB, PC, PD, PE, PF, PG