



TAURUS 309LSI STAINLESS STEEL MIG WIRES

Description

TAURUS MIG 309LSI is mainly used under high dilution conditions, particularly dissimilar welds between stainless and manganese steels. There are three main areas of application: buffer layers and clad steels, dissimilar joints and similar metal Joints.

WELDING POSITIONS

- Downhand
- Horizontal flat
- Horizontal vertical
- Vertical up
- Overhead

CLASSIFICATIONS

- AWS A5.9 ER309LSi
- EN ISO 14343-A 23 12 L Si
- EN ISO 14343-B 309L Si

AVAILABLE IN

- 0.8mm – 15kg spool
- 0.9mm – 5kg / 15kg spool
- 1.0mm – 15kg spool
- 1.2mm – 15kg spool

COMPOSITION

	%
Carbon	0.015
Manganese	1.7
Silicon	0.8
Phosphorous	0.015
Sulphur	0.005
Chromium	23.5
Nickel	13
Molybdenum	0.1

Copper	1.15
Ferrite number	12

MECHANICAL

Tensile strength
0.2% Proof stress
Elongation on 4d
Elongation on 5d
Impact energy @ -20°C
Impact energy @ +20°C

AS WELDED

560 MPa
430 MPa
42%
39 %
80 J
100 J

Product Category

1. Consumables
2. Mig Wire
3. Stainless Steel

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