

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	**AS WELDED**
Tensile strength	560 MPa
0.2% Proof stress	430 MPa
Elongation on 4d	42%
Elongation on 5d	39 %
Impact energy @ -20°C	80 J
Impact energy @ +20°C	100 J

Product Category

1. Consumables
2. Mig Wire
3. Stainless Steel

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