

LNM CuSn

TOP FEATURES

- Solid wire for welding of copper
- Widely used in oven soldering.

CLASSIFICATION

AWS A5.7	ERCu
EN ISO 24373-A	S Cu 1898 (CuSn1)

SHIELDING GASES (ACC. EN ISO 14175)

I1	Inert gas Ar (100%)
I3	Inert gas Ar+ 0.5-95% He

APPROVALS

CE

+

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, WIRE

Cu	Mn	Si	Sn	Ni
bal.	0.2	0.3	0.8	0.1

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Shielding gas	Condition*	0.2% Proof strength (MPa)	Tensile strength (MPa)	Elongation (%)	Hardness (HB)
Typical values	I1	AW	100	220	60	35

* AW = As welded

PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
1.2	SPOOL (B300)	12.0	580945

TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application.

Safety Data Sheets (SDS) are available here:



Subject to Change – The information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.eu for any updated information.