LNM CuSn12

CLASSIFICATION

EN ISO 24373 - S Cu 5410 (CuSn12P)

GENERAL DESCRIPTION

Solid wire for GMA-welding of copper-tin and copper-zinc alloy

WELDING POSITIONS

ISO/ASME













SHIELDING GASES (ACC. ISO 14175)

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

CHEMICAL COMPOSITION (W%) TYPICAL WIRE

Cu	Sn	P
bal.	12	0.2

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Shielding gas	Condition	0.2 proof strength (N/mm²)	Tensile strength (N/mm²)	Elongation (%)	
Typical values	I1	AW	100	250	30	

EXAMPLES OF MATERIALS TO BE WELDED

Copper-tin alloys, e.g. bronze with 10-12% tin

Copper-zinc alloys e.g. brass

PACKAGING AND AVAILABLE SIZES

Diameter (mm) 0.8 1.0

Unit: 12 kg spool B300 X X

Other sizes and packaging on request

LNM CuSn12 rev. EN 23

All information in this data sheet is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.eu for any udpated information. Furnes: Material Safety Data Sheets (MSDS) are available on our website.

