

Most copper-phosphorus feed metals are fluid enough to allow brazing at a temperature well below liquidus. It is strongly recommended not to use these alloys for ferrous metals and nickel alloys or copper alloys containing nickel.

STANDARDS	ISO 17672	CuP 286
	EN 1044	CP 101
	DIN 8513	L – Ag 18 P
	Customs code	74082100
	According to CLP Regulation	No hazard

In compliance with regulations: CLP, Reach, RoHS / CERoHS, WEEE, ErP-2009

MANUFACTURING SPECIFICATION IN RELATION TO THE STANDARD

Standard values	Composition %								STANDARDS
	Cu	Ag	P	Sn	Si	Zn	Ni	Cd	Code
ISO 17672	Bal	17,0<>19,0	6,6<>7,5		No				CuP 286

Guideline values of the manufacturing specification Alliages Industries

Values of our Specification	Composition %								Spec Al
	Cu	Ag	p	Sn	Si	Zn	Ni	Cd	Code
118	Bal	17,0<>19,0	6,6<>7,5		No				118

Note: The maximum impurity limits are (% by mass): Cd 0.010, Pb 0.025

Standard laboratory tested in accordance with ISO 17672. Certificate available on request.

Paid analysis for a specific batch.

PHYSICAL PROPERTIES OF THE ALLOY	Min soldering temperature (note 1)	650 °C
	Mpa.....	480
	A % to 20°C	10
	Electrical conductivity% IACS	9,90
	Electrical resistivity (Microhm-cm)	17,4
	Melting range	645 Eutectic alloy
	Density	8,4

FORMSBARS RODS**TOLERANCES**

Diameter : 16/10 - 20/10 - 25/10 - 30/10 - 40/10 - 50/10 - 60/10 - 70/10
Achievable dimensions : Length 1000 mm, 500 mm, 350 mm, 330 mm

FOILS

Thickness 0,15 < > 2,00 mm (Tolerances mm : +/- 0,005/0,035)
Width 2,00 < > 80 mm (Customer Specification)
Arrow Max 15 mm/ meter
Packaging Wood or plastic spool.

**COMPATIBLE
DEOXIDIZING**

PASTE : CarboFLUX NT (On copper) MaxiFLUX H (For copper, iron and stainless)
POWDER : SuperFLUX NT2
FLUX COATING : XF

**SAFETY
DATA SHEET (SDS)**

NUMBER-5001

Classification system : according to EC regulation No. 1272/2008 CLP

Symbol : None

Indications of HAZARD : None

Sentences H : NoneSentences P :**P260** – Do not breathe dust / fume / gas / mist / vapors / spray.**P270** – Do not eat, drink or smoke when using this product.**P280** – Wear protective gloves / protective clothing / eye protection / face protection**P285** – When room ventilation is insufficient, wear respiratory protection equipment.
(provide fume extraction at the brazing station)