

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.

<b>NORMES</b>	EN ISO 1044 / 1999 .....	B - Cu 92 P Ag - 645/825
<b>STANDARD</b>	Abrégé .....	CP 105
	<b>ISO 17672 : 2016</b> .....	<b>CuP 279</b>
	DIN 8513 .....	L- Ag 2 P
	AFNOR A81362 .....	06 B 1
	BS 1845 .....	CP 2
	AWS A5.8/A5.8M.....	BCuP-6
	ASME Sec II-C SFA-5.8 .....	BCuP-6
	Code douane .....	74082100
	Selon Règlement CLP .....	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	1,5<>2,5	5,9<>6,7		No				CuP 279

Guideline values of the manufacturing specification Alliages Industries

Values of our Specification	Composition %								Spec AI
	Cu	Ag	p	Sn	Si	Zn	Ni	Cd	Code
102	Bal	1,5<>2,5	5,9<>6,7		No				102

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.

<b>PHYSICAL PROPERTIES OF THE ALLOY</b>	Min soldering temperature (note 1)	740 °C
	Mpa.....	550
	A % to 20°C .....	6
	Electrical conductivity% IACS....	
	Electrical resistivity (Microhm-cm)	
	Melting range .....	645 - 825°C
	Density .....	8,1

**No silicon.**  
**Very precise brazing temperature at +/- 10°**

**FORMS**BARS 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**

PASTE : CarboFLUX NT (On copper) MaxiFLUX H (For copper, iron and stainless)

**DEOXIDIZING**

POWDER : SuperFLUX

FLUX COATING : XF

**SAFETY**

NUMBER-5001

DATA SHEET (SDS)

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

Symbol : None

Indications of HAZARD : None

Sentences H : None

Sentences 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)