

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.

STANDARD	EN ISO 3677	B-Cu84AgP-650/750
	DIN 8513	L – Ag 10 P*
	ISO 17672/2016	None
	Customs code.....	740729100
	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 3677	Bal	9,0<>11,0	6,0<>6,5						B-Cu84AgP-650/750

Guideline values of the manufacturing specification Alliages Industries

Values of our Specification	Composition %								Spec AI
	Cu	Ag	p	Sn	Si	Zn	Ni	Cd	Code
110X	Bal	9,0<>11,0	6,0<>6,5		< 0,020				110X

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	Min soldering temperature (note 1)	650 °C
PROPERTIES	Mpa.....	650
OF THE ALLOY	A % to 20°c	8

110X

Electrical conductivity% IACS.....	9,90 <> 11,00
Electrical resistivity (Microhm-cm)	17,4
Melting range	650 - 750°C
Density	8,3

Silicon-stabilized alloy, no bubbling. Without Degassing.

Very precise brazing temperature at +/- 10°

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

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

DEOXIDIZING

POWDER : SuperFLUX

FLUX COATING : SF or MF

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)