

STANDARDS	EN ISO 3677/1995	B-Cu45CuZnSn 640/680
	Abrégé	AG 104
	DIN 8513	L-Ag 45 Sn
	ISO 17672 : 2016	Ag 145Si

MANUFACTURING SPECIFICATIONS COMPARED TO STANDARD / ISO

Standard values	ISO 17672 : 2016 - Tolerances							STANDARDS
	Ag	Cu	Zn	Sn	Si	Ni	Cd	Code
Composition %	44,0<>46,0	26,0<28,00	23,5<>27,5	2,0<>3,0	0,05<>0,25			Ag 145Si
Dimensions	Diameter : Extrusion +/- 0,3 mm Drawing +/- 3 % – Length +/- 5 mm							

Indicative values of the manufacturing specification / Alliages Industries

Specification Values 545Sn	ALLIAGES INDUSTRIES - Tolerances							Spec AI
	Ag	Cu	Zn	Sn	Si	Ni	Cd	Code
Composition %	44,0<>46,0	26,0<28,00	23,5<>27,5	2,0<>3,0	0,05<>0,25			545Sn
Dimensions	Diameter : Extrusion +/- 0,2 mm Drawing +/- 3 % – Length +/- 5 mm – Coating : 0,15 mm							

Standard chemically tested in the laboratory in accordance with the ISO 17672 standard.
Excluding dimensional tolerances for products not covered by the standard.

PHYSICAL PROPERTIES	Rm MPa /mm ² 20°C	550
	A % 20°C	25
	Melting interval	640 - 680 °C
	Density.....	9,1

Silicon stabilized alloy, no bubbling. Without Degassing

Manufacturing method Direct extrusion, alloy and flux coating.

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TDS TO DOWNLOAD ON THE [TDS section](#)

REGLEMENTATION	CLP (1272/2008)	: <u>Compliant</u>
	Reach	: <u>Compliant</u>
	RoHS/CERoHS	: <u>Compliant</u>
	DESP	: <u>Compliant</u>
	GHS (2007-2011)	: <u>Compliant</u>
	ErP-2009	: <u>Compliant</u>
	Todd Frank	: Complies with this date. (see top of page)

Classification CE N° 1272/2008 CLP

H-Sentences : None

P-Sentences :

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P270 – Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P285 – When local ventilation is insufficient, wear respiratory protection.

(provide fume extraction at the soldering station)