



Alloys composed of Sn, Cu and Ag

Description:

The Interflux® **lead-free alloys** are high purity soldering alloys.

They correspond to the following specifications:

- J-STD-006C

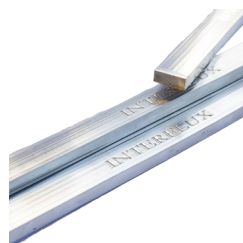
- NEN-EN ISO 61190-1-3:2017

(*) Excepted from these norms

Levels according these Industry standards are given in the table below.

An example of quality control analysis levels of a SAC305 production batch are given in **green**.

We always refer to the most strict impurity percentage.



Products pictured may differ from the product delivered



Abbreviations

SAC305 = Sn96,5Ag3Cu0,5

SAC387 = Sn95,5Ag3,8Cu0,7

SAC0307 = Sn99Ag0,3Cu0,7

SAC0807 = 98,5Ag0,8Cu0,7

SA30 = Sn97Ag3

SnCu = Sn99,3Cu0,7

Sn100 = 100% Sn

Composition

Element	Symbol	Levels in % according Industry standards								
		SAC305	SAC305	SAC387	SAC0307	SAC0807	SA30	SnCu	Sn100	Sn99,8Cu0,2*
Tin	Sn	Rest	Rest	Rest	Rest	Rest	Rest	Rest	Rest	Rest
Silver	Ag	2,8-3,2	3,0024	3,6-4,0	0,2-0,4	0,7-0,9	2,8-3,2	<0,1	-	<0,1
Lead	Pb	<0,07	0,0026	<0,07	<0,07	<0,07	<0,07	<0,07	<0,07	<0,07
Copper	Cu	0,4-0,6	0,4829	0,6-0,8	0,6-0,8	0,6-0,8	<0,05	0,6-0,8	-	0,1-0,3
Antimony	Sb	<0,2	0,0101	<0,2	<0,2	<0,2	<0,2	<0,2	<0,2	<0,2
Cadmium	Cd	<0,002	0,00020	<0,002	<0,002	<0,002	<0,002	<0,002	<0,002	<0,002
Bismuth	Bi	<0,10	0,00046	<0,10	<0,10	<0,10	<0,10	<0,10	<0,10	<0,10
Arsenic	As	<0,03	<0,0025	<0,03	<0,03	<0,03	<0,03	<0,03	<0,03	<0,03
Iron	Fe	<0,02	0,0013	<0,02	<0,02	<0,02	<0,02	<0,02	<0,02	<0,02
Aluminum	Al	<0,001	<0,00010	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001
Nickel	Ni	<0,01	0,00046	<0,01	<0,01	<0,01	<0,01	<0,01	<0,01	<0,01
Zinc	Zn	<0,001	0,00011	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001



Availability

+/- 300g bars in 20 and 25kg box
Pellets +/- ø12mmx10mm in 2kg jar
1,5mm, 2mm, 3 mm plain wire on 1kg and 4kg spools

In the alloys mentioned above

Not all combinations are guaranteed

Other types on request

Safety

Please always consult the safety datasheet of the product.

Trade name: Interflux[®] solder alloys lead-free

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