



Lead-free alloys



Alloys composed of Sn, Cu and Ag

Description:

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

They correspond to or exceed the following specifications:

- J-STD-006B
- NEN-EN ISO 61190-1-3:2007

Typical levels are given in the table below.



Products pictured may differ from the product delivered



More information:

Availability

P.2

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	Typical levels in %						
		SAC305	SAC387	SAC0307	SAC0807	SA30	SnCu	Sn100
Tin	Sn	Rest	Rest	Rest	Rest	Rest	Rest	Rest
Silver	Ag	2,8–3,2	3,6–4,0	0,1–0,5	0,6–1,0	2,8–3,2	≤0,1	-
Lead	Pb	≤0,1	≤0,1	≤0,1	≤0,1	≤0,1	≤0,1	≤0,1
Copper	Cu	0,3–0,7	0,5–0,9	0,5–0,9	0,5–0,9	≤0,08	0,5–0,9	-
Antimony	Sb	<0,05	<0,05	<0,05	<0,05	<0,05	<0,05	<0,05
Cadmium	Cd	<0,002	<0,002	<0,002	<0,002	<0,002	<0,002	<0,002
Bismuth	Bi	<0,10	<0,10	<0,10	<0,10	<0,10	<0,10	<0,10
Arsenic	As	<0,03	<0,03	<0,03	<0,03	<0,03	<0,03	<0,03
Iron	Fe	<0,02	<0,02	<0,02	<0,02	<0,02	<0,02	<0,02
Aluminum	Al	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001
Nickel	Ni	<0,01	<0,01	<0,01	<0,01	<0,01	<0,01	<0,01
Zinc	Zn	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001	<0,001



Availability

1 kg bars

5 kg bars

Pellets

2mm plain wire on 4kg spool

3mm plain wire on 1kg spool

In the alloys mentioned above

Not all combinations are guaranteed

Other types on request

Trade name: Interflux® solder alloys lead-free

D i s c l a i m e r

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