Technical Data Sheet
SAC0307 Solder Alloy

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Description

The SolderKing SAC0307 solder alloy composition is Sn99.3Cu0.5Ag0.3. SAC0307 is manufactured using only high purity virgin materials which results in a low drossing, fast wetting solder. The liquidus temperature is 227°C and has a recommended temperature range of 260-265°C. SAC0307 solder alloy is compatible with all major brands of no clean and water soluble electronic grade fluxes. SolderKing SAC0307 exceeds the requirements of IPC J-STD-006C. SAC0307 is available as Pellets, Bar Solder and Solder Wire,

Specification

SAC0307 Solder Alloy Typical Batch Data

Solidus	217°C
Liquidus	227°C
Tensile Strength (MPa)	52
J-STD-006C	No Impurities

Process Information

SAC0307 is suitable for Wave, Selective and Tinning Applications. Best results are achieved using SolderKing Fluxes SK F8 and SK F4-7. For tinning use KingsFlux FT-08w or Clear Flux Gel. Consult SolderKing for help choosing the correct flux for your application

RoHS & REACH Directive

SAC0307 Solder Alloy is RoHS and REACH compliant. The product does not contain any SVHC's as per the current list.

The information supplied in this technical data sheet is designed only as guidance for use and handling of the product. This Information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Benefits

Low Cost, Sn-Ag-Cu Solder Alloy

Fast Wetting Similar to SAC305

Exceptional Through-Hole Penetration

Manufactured to J-STD-006C

RoHS and REACH Compliant

Suitable for Wave, Selective, Dipping and Hand Soldering

Pot Maintenance

SolderKing provide an analytical service to ensure the elements within solder pots do not exceed the recommended limits.

A full analytical report to verify the purity and composition can be provided.

Availability

Solderking manufacture the SAC0307 Solder Alloy in the UK and it is available in various product formats.

Custom formats are available upon request.

SAC0307	Product
SAC0307 Solder Alloy	Bar Solders
	Pellets
	Cored Solder Wires
	Auto Feed Wires