

SAC305H Solder Alloy

For High Temperature Dipping Process



Product Description

SAC305H solder in high temperature dipping applications. It offers benefits of good solderability and wettability, low drossing and low copper dissolution rate. This alloy has been designed to meet the most stringent requirements of the electronics industries.

Application

SAC305H is used for high temperature dipping applications, the recommended operating temperature range is 350 – 420°C.

Storage

Store the solder alloy in a cool, dry and non-corrosive environment. Wrap up the solder alloy when not in use to reduce exposure to environment. SAC305H lead free solder bar and solid wire can be kept for 5 years if proper storage conditions are observed.

Health & Safety

The product when use or handling maybe hazardous to health or environment. Please refer to Material Safety Data Sheet for more information.

Packaging

Solder Bar: 25kg per box, Solid Wire: 20kg per roll (Diameter: 0.25, 0.3, 0.4, 0.5, 0.6, 0.8, 1.0, 1.2, 1.6, 2.0 and 3.0 mm). For any other packing requirements, please refer to the sales department.

Specification

Item	Result
Alloy Melting Point	217~220°C
DSC at 5°C/min	
Density	7.36 g/cm ³
Water Displacement Method	

Alloy Composition

Main Composition		IPC J-STD-006 (wt%)
Tin	Sn	Remainder
Copper	Cu	0.5 +/- 0.1
Silver	Ag	3.0 +/- 0.2
Contamination		
Aluminium	Al	0.005 max
Arsenic	As	0.03 max
Bismuth	Bi	0.10 max
Cadmium	Cd	0.002 max
Iron	Fe	0.02 max
Indium	In	0.10 max
Nickel	Ni	0.01 max
Lead	Pb	0.05 max
Antimony	Sb	0.05 max
Zinc	Zn	0.003 max

DISCLAIMER OF LIABILITY

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