

IN90/SN10 SOLDER ALLOY

FEATURES

- Recommended For Thin Film Coating
- Low Temperature 144°C-150°C (291°F-302°F)

DESCRIPTION

In90/Sn10 is typically used for low temperature applications such as buss bar soldering. In90/Sn10 is also used in thin film coating, where these alloys are sputtered on to glass or a film for their properties of transparency and conductivity. This alloy has a melting temperature of 144°C-150°C (291°F-302°F).

IMPURITY LEVELS TO IPC-J-STD-006 IN PERCENT

Impurity Levels To IPC-J-STD-006 In Percent				
Al: 0.005	Pb: 0.20	Cd: 0.002	Fe: 0.02	Sb: 0.50
As: 0.03	Bi: 0.10	Cu: 0.08	Ni: 0.01	Zn: 0.003

HANDLING & STORAGE

Indium/Tin alloys should be stored in a dry temperature controlled room or in an inert atmosphere, as Indium alloys will corrode in humidity. Any device used in high humidity applications, or having potential exposure to condensation, should be conformal-coated.

FLUX COMPATIBILITY

Indium/Tin alloys are compatible with most electronic grade fluxes. Indium alloys should never be used with high-halide fluxes. Indium forms a mono-halide compound very quickly.

CLEANING

Refer to data sheets provided by flux manufacturer.

SAFETY

Use with adequate ventilation and proper personal protective equipment. Refer to the accompanying Safety Data Sheet for any specific emergency information. Do not dispose of any hazardous materials in non-approved containers.