

LIQUID FLUX 900-2i

Halide-free, low solid content flux

DESCRIPTION

Halide-free, low solid content flux conforming to DIN EN 29454-1 2.2.3 (DIN 8511 F-SW23). The flux residues are non-corrosive according to DIN 8527 F-SW32. This flux is widely used in the automotive and photovoltaics industry.

Stannol 900-2i is a flux ready for use for applications in wave soldering processes under inert gas. Compared with conventional fluxes for inert gas installations (2% adipic acid diluted in isopropyl and/or ethanol) Stannol 900-2i guarantees a better filling capability of through plated holes and less sticking at the spray head. The formation of solder balls on the soldering side of the PCB is prevented by the special composition of the flux.

APPLICATION

Stannol 900-2i can be used for applications with spray fluxers. The solid content is 2.0%. In special cases a solid content between 1.0% and 2.0% can be sufficient.

Evaporation of solvent can change the composition. Evaporation causes an increase of the solid content and therefore the density increases. This can be checked with the Stannol Mini-Titration-Kit. The concentration can be adjusted as desired by adding Stannol VD-E 900 thinner.

PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	LIQUID FLUX 900-2i	
Colour:	colourless liquid	
Density (20°C):	0.798 g/cm ³	
Flash Point (closed up):	12°C	
Ignition Temperature:	425°C	
Solid Content:	2%	
Acid value:	14.3 mg KOH/g flux	
Copper Mirror Test:	passed	
Chromate Paper:	passed	
Halide Content:	none	
Surface Resistance:	8.6*10 ¹¹ Ω uncleaned, soldered	8.0*11 ¹¹ Ω fluxed
E-Corrosion:	none	none
Requirements:	Bellcore TR-NWT 000078	
Thinner:	Stannol VD-E 900	

SHELF LIFE

2 years after date of delivery (provided proper storage in originally sealed container).

HEALTH AND SAFETY

Before using please read the material safety data sheet carefully and observe the safety precautions described.

NOTICE

The above values are typical and represent no form of specification. The Data Sheet serves for information purposes. Any verbal or written advise is not binding for the company, whether such information originates from the company offices or from a sales representative. This is also in respect of any protection rights of third parties, and does not release the customer from the responsibility of verifying the products of the company for suitability of use for the intended process or purpose. Should any liability on the part of the company arise, the company will only indemnify for loss or damage to the same extent as for defects in quality.