



LIQUID FLUX 500-3429

Halide-free activated resin flux

DESCRIPTION

Halide-free activated resin flux conforming to DIN EN 29454-1 Type 2.2.3 (DIN 8511 F-SW 34) with non-corrosive residues as per DIN 8527.

Stannol 500-3429 exhibits good wetting of the solder despite the low solid content. After soldering residues are dry and transparent. They build up a visible uniform layer. Stannol 500-3429 was designed for the use in double wave soldering machines especially to solder SMD components.

APPLICATION

Stannol 500-3429 is suitable for foam or spray fluxers. The preheat temperature should be adjusted to 100°C at the top side of the board before entering the wave to get optimum results. Depending on the board design other temperatures may be possible.

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.

PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	LIQUID FLUX 500-3429	
Appearance:	pale amber liquid	
Density (20°C):	0.812 g/cm ³	
Flash Point (closed cup):	13°C	
Auto ignition temperature:	425°C	
Solid content:	4.5%	
Acid value:	29.9 mg KOH/g	
Copper mirror:	passed	
Silver chromate paper test:	passed	
Halide content:	none	
SIR:	1.0*10 ¹² Ω uncleaned, soldered	8.9*10 ¹¹ Ω fluxed
E-Corrosion:	none	none
Test method:	Bellcore TR-NWT 000078	
Thinner:	Stannol VD-500	

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.