

TECHNICAL DATA SHEET

2057 (No-Clean Flux)

Halogen-Free

OVERVIEW

The 2057 (No-Clean Flux) is a low-solid flux that provides extremely high solderability and reliability in both leaded and lead-free processes. The unique formulation design makes it an excellent soldering ability and can effectively reduce the generating of solder balls. In particular, the anti-tin bridge performance of QFP's parts is also ahead of other products.

MAIN COMPONENTS

This product is mainly made of isopropanol mineral oil resin-rosin and so on

PRODUCT FEATURES

- Suitable for both lead and lead-free process
- Less tin bridge on connector and SMT parts
- Excellent filling performance on the plate hold
- Less solder ball; Solder joint smoothly
- Uniform flux distribution, low sticky
- Can be used by spray and foam spread

TECHNOLOGY DATA

- Appearance : clear and transparent liquid
- PH: 5.6
- Solid content : 4.0
- Recommended thinner : X400
- Specific gravity @ 25°C: 0.80±0.005
- Shelf life : 12 months
- ACID Value (mg KOH/g): 23.0
- Flash Point (T.C.C.): 17°C

USAGE AND PRECAUTIONS

- In order to ensure stable soldering performance and electrical reliability, it is important to ensure that the PCB and components meet the requirements of solderability and ion cleanliness.
- The PCB should be handled with care during manufacturing. Hold the edge of the PCB with clean, non-fibrous gloves. And maintain the output belt, jaw and fixture clean, 30 series cleaners are recommended for cleaning.
- 2057 can be used for spray and foaming. When spraying, a piece of cardboard can be used instead of a circuit board to pass through the flux spray area and then visually inspect the uniformity of the flux spray. Heat-resistant glass can also be checked with spray and preheat zones.
- For health and safety information, please see the MSDS. Flux volatiles may cause headaches, dizziness, and nausea. Skin and eyes contact with flux must be avoided. Suitable exhaust devices should be installed in the working area including the outlet of the wave soldering equipment to remove the volatile.

