Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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282 Mildly Activated Rosin Flux
For Cored Solder Wire

General Information

Kester 282 mildly activated rosin flux core consists of high quality Grade WW rosin to which a very small amount of an extremely effective activating agent has been incorporated. Kester 282 is classified as Type ROL1 flux under IPC ANSI/J-STD-004 Joint Industry Standard. It was formerly classified as Type RMA per MIL-F-14256.

Applications

Kester 282 rosin-cored solder has been developed for use in the electronics industry where a more active flux than plain rosin is required but where highly activated fluxes are considered potentially conductive. Rosin core 282 has particular application where difficult assemblies are to be soldered but the flux residue must be electrically inert.

Electrical Properties

Kester 282 rosin-core provides a greatly increased fluxing ability. However, the residue is nearly as electrically inert as plain, unactivated rosin flux. The low conductivity results from a negligible amount of ionic residue. The low ionic content in the flux is shown by the very high water extract resistivity. The rosin residue is non-corrosive, moisture and fungus resistant, and non-conductive.

Residue Removal

Since the rosin residue is dry and practically inert after soldering, the surface is actually insulated from atmospheric corrosion. Residue removal is usually not required, but, if necessary for appearance or utility reasons, the rosin residue can be completely removed with Kester 5240 Rosin Residue Remover or 5768 Bio-Kleen Aqueous Saponifier.

Availability & Properties

Kester 282 rosin-core is available in any solder alloy, which can be supplied with a core.

Water Extract Resistivity	200,000 ohm-cm (typical)
Effect on Copper Mirror	None
Spread Factor	88 (typical)
Chloride and Bromide Test	Pass

Health & Safety

This product, during handling or use, may be hazardous to health or the environment. Read the Material Safety Data Sheet and warning label before using this product.

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