



Plastic Rosin Core Flux Non-Activated Rosin for Cored Solder Wire

General Information

For over seventy years, Kester Plastic Rosin Core Solder has dominated the field of pure rosin core solders. Kester Plastic Rosin is made from purest grade WW gum rosin without additives. This formulation makes Plastic Rosin Core completely non-corrosive, electrically non-conductive and fungus resistant.

Application

Kester Plastic Rosin Core is used for applications where active flux is not permitted and critical electronic assemblies are involved. Kester Plastic Rosin Core is classified as Type ROL0 flux under IPC-ANSI/J-STD-004 Joint Industry Standard.

Physical Properties

Specific Gravity	1.07 (calc.)
LLL-R-626	Class A, Type 1, Grade WW
Copper Mirror Corrosion Test	Pass
Chlorides and Bromides Test	Pass
Water Extract Resistivity	300K ohm-cm (typical)

Residue Properties & Removal

The residue of Kester Plastic Rosin Core Solder is non-corrosive, non-conductive, and moisture and fungus resistant under normal conditions of use. When exposed to environments with elevated temperature and humidity (100°F, 94% relative humidity) for 72 hours, there is no evidence of corrosion caused by the flux residue.

This mild property of the residue permits leaving the flux on the assembly for most applications. If the assembly operating temperature is above the melting point of the rosin (160°F), the residue will become tacky and more conductive than at room temperature. When required, the flux residue can be removed with Kester 5240 Rosin Residue Remover or 5768 Bio-Kleen Aqueous Saponifier.

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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