



EIE Enterprise (M) Sdn. Bhd. (944691-T)

HI-GRADE #1095-NF NEUTRAL WATER

SOLUBLE FLUX

DESCRIPTION

HI-GRADE #1095-NF is a low solids neutral pH flux, halide activated for wave soldering through-hole, mixed technology and surface mount assemblies. HI-GRADE #1095-NF FLUX is biodegradable and cleans readily in water to low ionic levels while leaving a surface which has a high surface insulation resistance (SIR).

The activators in HI-GRADE #1095-NF provide excellent solder wetting on Nickel, Kovar, Alloy 42 and Copper surfaces. It can be used for wave or drag soldering operations and for component lead and frame tinning. HI-GRADE #1095-NF has a neutral pH which limits the need for effluent control while easy cleaning in water eliminates the cost and environmental concerns of solvent cleaning.

APPLICATION

HI-GRADE #1095-NF can be applied by foam, dip, wave or spray fluxing equipment. For best results, use the following guidelines:

- Keep foam head, pot level, or wave height consistent through appropriate adjustments. Replace flux daily if self-contained storage system is not available. Otherwise, replace after every forty (40) hours of operation.
- Adjust the specific gravity to the nominal level of +0.01 with the proper Hi-Grade thinner.
- Add fresh flux to maintain the appropriate level.
- Clean fluxing equipment regularly to remove debris, trapped oil or water. When foam fluxing, clean foaming stone in the proper Hi-Grade thinner whenever the flux is changed, or as needed.

BENEFITS

- 1) Low solids
- 2) High activity level
- 3) Cleans to low ionic levels
- 4) Cleaning can be delayed for convenient batch processing
- 5) Excellent foaming properties
- 6) Neutral pH controls the need for pH adjustment of effluent water

HI-GRADE #1095-NF FLUX (con't)

PHYSICAL PROPERTIES

	<u>1095</u>
Specific Gravity @25° C	0.835
% Solids	12
Appearance	Clear
Acid Number	Neutral
Colour	Pale Yellow
pH	6.5 + 1.0
Flash Point	68° F TCC

SAFETY

Flammable liquid should be stored in a dry, well ventilated area away from open flames, sparks or direct heat. Wear safety glasses and protective clothing. See material safety data sheet (MSDS) for more detailed information.

PACKAGING

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