

PRODUCT DATA SHEET

TACFlux® 089HF

Introduction

TACFlux® 089HF is a no-clean flux formulated for SnAgCu and SnAg solders (also compatible with Sn/Pb solder). **TACFlux® 089HF** provides excellent wetting in air or nitrogen atmospheres. The flux and flux residue is halogen-free.

Properties

| Test | Result |
|---|---|
| J-STD-004 (IPC-TM-650) | |
| Flux Type Classification | ROLO |
| Flux-Induced Corrosion (Copper Mirror) | Type L |
| Presence of Halide: Silver Chromate Fluoride Spot Test Cl Equivalent | Pass Pass <0.0% |
| Post-Reflow Flux Residue (ICA Test) | ~35% |
| SIR | Pass |
| Belcore Electrochemical Migration | Pass |
| Viscosity (C & P) | 10kcps (Cone & Plate viscosity @ 5 minutes) |
| Tack | 120 grams |
| Additional Test Results | |
| Appearance | Light Yellow–Amber |
| Maximum Reflow Temperature | 260°C |
| Reflow Atmosphere | Nitrogen or Air |
| Shelf Life | 1 year |
| Storage Condition | Stored @ 0–30°C (tip down for syringe/cartridge) |

All information is for reference only.

Not to be used as incoming product specifications.

Packaging

TACFlux® 089HF is available in 10 and 30cc syringes or 100g jars; however, other packaging can be provided to meet specific requirements.

This product data sheet is provided for general information only. It is not intended, and shall not be construed, to warrant or guarantee the performance of the products described which are sold subject exclusively to written warranties and limitations thereon included in product packaging and invoices. All Indium Corporation's products and solutions are designed to be commercially available unless specifically stated otherwise.

From One Engineer To Another®

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Cleaning

TACFlux® 089HF is designed for no-clean applications. If necessary, the flux can be removed by using a commercially available flux cleaner.

Reflow

Peak reflow temperature should be <260°C in an air or nitrogen atmosphere.

Storage

TACFlux® 089HF syringes and cartridges should be stored tip down at 0–30°C. If refrigerated, **TACFlux® 089HF** should be thawed for 4 hours at room temperature before using.

Technical Support

Indium Corporation's internationally experienced engineers provide in-depth technical assistance to our customers. Thoroughly knowledgeable in all facets of Material Science as it applies to the electronics and semiconductor sectors, Technical Support Engineers provide expert advice in solder preforms, wire, ribbon, and paste. Indium Corporation's Technical Support Engineers provide rapid response to all technical inquiries.

Safety Data Sheets

The SDS for this product can be found online at <http://www.indium.com/sds>



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