

Product Data Sheet

TACFlux® for Ball Attachment

Features

- Excellent wetting ability in air reflow
- No-clean
- Wide reflow temperature range

Introduction

TACFlux® 007, 018 and 023 are tacky fluxes designed for ball mounting onto BGA and BGA sockets.

Typical Properties

J-STD-004A (IPC-TM-650)			
Flux	TACFlux® 007	TACFlux® 018	TACFlux® 023
Flux type classification	ROL1	ROLO	ROL1
Compatible Alloys	All Sn/Pb, High Pb, Au/Sn	All Sn/Pb, most SAC alloys	Sn/Pb and all Pb-Free alloys
Typical viscosity	325kcps	282kcps	400kcps
Typical acid number	85	128	100
Typical tack strength	355g	149g	225g
Reflow atmosphere	Air or Nitrogen	Air or Nitrogen	Air or Nitrogen
SIR	Pass	Pass	Pass
Electromigration (Bellcore test)	Pass	Pass	Pass
Cleaning	Not needed	Not needed	Not needed
Typical reflow residual weight	47%	36%	42%

Application

TACFlux® 007, 018 and 023 can be printed or used in pin-transfer applications.

Cleaning

TACFlux® 007, 018 and 023 are designed for no-clean applications. If necessary the flux residue can be removed by using a semi-aqueous system, saponified water, alcohols, or other CFC-free alternatives.

Packaging

TACFlux® 007, 018 and 023 are available in 150g cartridges, 10cc and 30cc syringes, or 100g jars. Other packaging can be provided to meet specific requirements.



Storage and Handling

The shelf life of TACFlux® 007, 018 and 023 is 12 months when stored at 0 to 30°C.

Flux should be allowed to reach ambient working temperature prior to use. Packaging should be labeled with date and time of opening.

Material Safety Data Sheet

The MSDS for this product can be found online at <http://www.indium.com/techlibrary/msds.php>

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.

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