

Product Data Sheet

Wafer Flux 5-SLC

Features

- Halogen-free
- Nitrogen reflow atmosphere

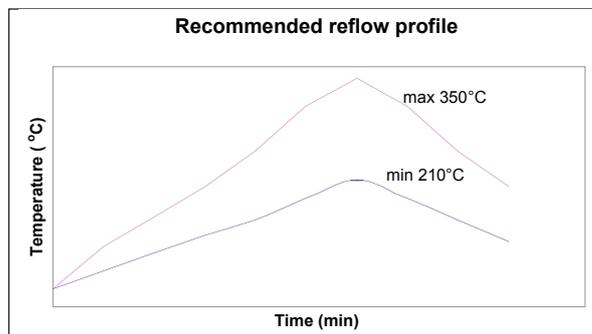
Introduction

Wafer Flux 5-SLC is a heat-stabilized rosin flux formulated for a wide range of metals and alloys. It has a wide process window, ranging from 125°C to 350°C. Electroplated Solder deposits form bright, spherical bumps when made using this flux. **5-SLC** can be applied in dipping, spraying and spin-coating processes and can be used on Sn/Pb and Pb-Free alloys.

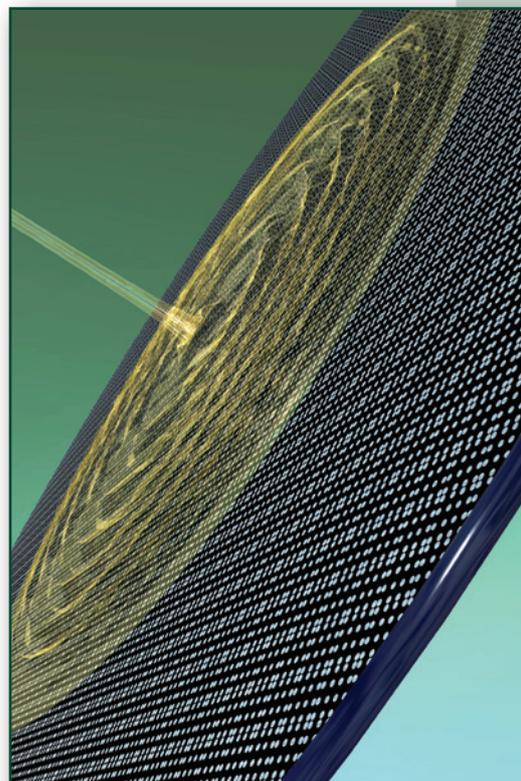
Typical Uncured Properties

Typical viscosity	37 Centistokes (cst)
Flash point	11°C
Flux type classification	ROLO
Visual appearance	Amber color liquid
Reflow atmosphere	<20ppm O ₂
Density	0.92g/cm ³

Reflow



This is the standard reflow profile for 5-SLC. The time to peak should be about 3 to 5 minutes. The peak temperature should be 20°C more than the melting point of the metal. Time above liquidus should be about 40 to 70sec.



Cleaning

Flux residue is non-corrosive, non-conductive and non-hygroscopic. Commercially available flux removers may be utilized for cleaning.

Packaging

Standard packaging for liquid fluxes are 1 US pint (425 grams) and 1 US gallon (3400 grams) containers.

Storage and Handling

The shelf life of **5-SLC** is 1 year when stored at 0 to 30°C. Flux should be allowed to reach ambient temperature prior to use.

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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