

# PRODUCT DATA SHEET

# 2205 Rosin Flux

## Introduction

**2205 Rosin Flux** is an alcohol-based flux that is ideal for soldering all surface finishes. It can be used to test solderability according to IPC J-STD-003 and IPC J-STD-002.

## Features

- Meets J-STD-003/002 specifications for Flux Type 1
- Non-corrosive residue

## Process Recommendations

**2205 Rosin Flux** can be applied by wave or dipping. If thinning is required, use 16-1000 Flux Thinner to maintain specific gravity during use.

## Physical Properties

Test	2205	16-1000
Color	Amber	Clear
Specific Gravity @15.5°C (60°F) @25°C (77°F)	0.848 0.843	0.788 0.783
Acid Value	39	0
Solids Content	26.40	0
Flash Point	12°C (54°F)	12°C (54°F)
IPC J-STD-004 Flux Type	ROL1	N/A
Shelf Life	3 years	N/A
Storage Requirements	5–32°C	N/A

*All information is for reference only.*

*Not to be used as incoming product specifications.*

## IPC Surface Insulation Resistance

Test Pattern	Board	24 Hours	96 Hours	168 Hours
IPC B24	Control	1.23E+10	5.36E+09	4.60E+09
	Pattern Up	8.49E+09	4.42E+09	4.80E+09
	Pattern Down	1.98E+10	9.37E+09	9.35E+09

## Packaging

- 1-gallon containers
- 5-gallon containers

## Technical Support

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

## Safety Data Sheets

Please refer to the SDS document within the product shipment, or contact our local team to receive a copy.

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.

*All of Indium Corporation's solder paste and preform manufacturing facilities are IATF 16949:2016 certified.  
Indium Corporation is an ISO 9001:2015 registered company.*

## From One Engineer To Another®

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