

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

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

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

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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.

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