

## Indium Corp. WF-9945 Wave Solder Flux, Halogen-Free

Category : Fluid

**Material Notes:**

WF-9945 is a halogen-free no-clean flux developed for wave soldering mixed-technology and through-hole electronics assemblies. WF-9945 is formulated to provide an excellent wetting and superior hole-fill. This wave flux can be used with Sn/Cu, Sn/Ag/Cu and Sn/Pb alloys. Features: Use with Pb-free and Sn/Pb alloys Superior hole-fill Halogen-free formulation Physical Properties Color: Amber J-STD-004 Flux Type: ROL0 Information provided by the manufacturer, Indium Corporation of America.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Indium-Corp-WF-9945-Wave-Solder-Flux-Halogen-Free.php](http://www.lookpolymers.com/polymer_Indium-Corp-WF-9945-Wave-Solder-Flux-Halogen-Free.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.796 g/cc	0.796 g/cc	
	@Temperature 25.0 Å°C	@Temperature 77.0 Å°F	
	0.802 g/cc	0.802 g/cc	
	@Temperature 15.5 Å°C	@Temperature 59.9 Å°F	
Solids Content	5.77 %	5.77 %	

Thermal Properties	Metric	English	Comments
Flash Point	12.2 Å°C	54.0 Å°F	TCC

Electrical Properties	Metric	English	Comments
Insulation Resistance	8.58e+9 ohm	8.58e+9 ohm	Control; IPC B24
	@Time 605000 sec	@Time 168 hour	
	1.87e+10 ohm	1.87e+10 ohm	Control; IPC B24
	@Time 86400 sec	@Time 24.0 hour	

Chemical Properties	Metric	English	Comments
Acid Value	14.4	14.4	mgKOH/g flux
	249.6	249.6	mgKOH/g flux solids

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