

Shipped to:



CERTIFICATE OF CONFORMANCE

This is to certify that the following product has been inspected prior to sale and shipment, and complies with Taiyo America's manufacturing specifications for this product.

This product meets all the requirements of IPC-SM-840E Classes H and T and Bellcore (Telecordia) GR-78-CORE and is UL recognized 94V-0 (File #E166421, UL Name: PSR-4000DE).

PSR-4000 HFX Satin

Lot # 6060417

Mfg. Date: 06/04/26

Warranty Ends: 03/04/27

PROPERTY	TEST METHOD	SPECIFICATION	RESULT	
VISCOSITY	Toki Sangyo RE100U Viscometer 5 rpms @ 25°C	Before Mixing : Report Only	642	ps
		After mixing: 220 - 270 ps	261	ps
THIXOTROPIC INDEX	Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm	Report Only	1.34	
FINESS OF GRIND	TAI-0-0002	5 microns maximum	5	microns
VISUAL EXAMINATION	Microscopic examination: 1. 1-mil drawdown of wet film	No bubbles, pits, voids, particles, color differences.	Passed	
	Microscopic examination: 2. Wet film drawdown on grind gauge	No bubbles, pits, voids, particles, color differences.	Passed	
SCREENABILITY	Visual inspection of screen printed panel	No surface defects, such as bubbles, pinholes, etc.	Passed	
TACK-DRY	Hot air convection oven 80°C / 30 minutes	Tack-free to the touch	Passed	
IMAGING	ORC HMW 680GW - 7 kW 400 mJ / cm ² Horizontal Developer - 1% Na ₂ CO ₃ 30°C (86°F) / 60 secs., 28 psi	Stouffer 21 step: 8 - 12 (clear on copper)	12	
RESISTANCE TO SOLDERING (*)	260°C (500°F) / 30 sec x 1 cycle Rosin-based flux	No discoloration, peeling, or blistering	Passed	
SOLVENT RESISTANCE (*)	Immersion in PM Acetate 20°C / 20 mins.	No swelling, softening, or blistering	Passed	
PENCIL HARDNESS (*)	TAI-0-0020	6H or greater	8H	
ADHESION (*)	TAI-0-0021	100/100 on copper	Passed	

(*) - Final cure for these tests was 60 minutes @ 150°C (302°F) in a convection oven

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