TAIYO AMERICA, INC.
2675 Antler Drive, Carson City, NV 89701
Phone: (775) 885-9959 Fax: (775) 885-9972

CERTIFICATE OF CONFORMANCE

This is to certify that the following product has been inspected prior to sale and shipment, and complies with the manufacturing specifications for this product.
This product meets the performance requirements of A-A-56032D, Type II, as it applies to printed circuit board applications and the requirements of Bellcore GR-78-CORE Issue 1, September 1997 for legend and Marking Inks.

S-200E (LV) **Lot #** 0062217 **Mfg. Date:** 6-22-20
Warranty Ends: 12-22-20

PROPERTY	TEST METHOD	MANUFACTURING SPECIFICATION	RESULT
VISCOSITY	Toki Sangyo RE100U Viscometer 5 rpms @ 25°C	Before mixing: Report Only After mixing: *210 – 250*	106 ps 223 ps
THIXOTROPIC INDEX	Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm	Before mixing: Report Only After mixing: *Report Only*	1.9 2.7
FINENESS OF GRIND	TAI-0-0002	17.5 microns maximum	5 microns
VISUAL EXAMINATION	Microscopic examination:		
	1. 1-mil drawdown of wet film	No bubbles, pits, voids, particles, color differences.	Passed ☑
	2. Wet film drawdown on grind gauge	No bubbles, pits, voids, particles, color differences.	Passed ☑
SCREENABILITY	Visual inspection of coated panel	No surface defects, such as bubbles, pinholes, etc.	Passed ☑
RESISTANCE TO SOLDERING (*)	260°C (500°F) / 10 sec x 2 cycles Rosin-based flux	No discoloration, peeling, or blistering	Passed ☑
SOLVENT RESISTANCE (*)	Immersion in PM Acetate 20°C / 30 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 20 minutes @ 140°C (284°F) in a convection oven

Verified By:

Q.C. SUPERVISOR 6/25/20

Name, Title, Date