

**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.

S-200Y NP (USA)      Lot # 9092337      Mfg. Date: 9-23-19  
 Warranty Ends: 3-23-20

PROPERTY	TEST METHOD	MANUFACTURING SPECIFICATION	RESULT
<b>VISCOSITY</b>	Toki Sangyo RE100U Viscometer 5 rpms @ 25°C	Before mixing: 290 - 350 ps After mixing: <i>Report Only</i>	<u>296</u> ps <u>473</u> ps
<b>THIXOTROPIC INDEX</b>	Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm	Before mixing: 1.4 - 2.2 After mixing: <i>Report Only</i>	<u>2.0</u> <u>3.1</u>
<b>FINENESS OF GRIND</b>	TAI-0-0002	17.5 microns maximum	<u>5</u> microns
<b>VISUAL EXAMINATION</b>	Microscopic examination:		
	1. 1-mil drawdown of wet film	No bubbles, pits, voids, particles, color differences.	Passed <input checked="" type="checkbox"/>
	2. Wet film drawdown on grind gauge	No bubbles, pits, voids, particles, color differences.	Passed <input checked="" type="checkbox"/>
<b>SCREENABILITY</b>	Visual inspection of coated panel	No surface defects, such as bubbles, pinholes, etc.	Passed <input checked="" type="checkbox"/>
<b>RESISTANCE TO SOLDERING (*)</b>	260°C (500°F) / 10 sec x 2 cycles Rosin-based flux	No discoloration, peeling, or blistering	Passed <input checked="" type="checkbox"/>
<b>SOLVENT RESISTANCE (*)</b>	Immersion in PM Acetate 20°C / 30 mins.	No swelling, softening, or blistering	Passed <input checked="" type="checkbox"/>
<b>PENCIL HARDNESS (*)</b>	TAI-0-0020	7H or greater	<u>8H</u>
<b>ADHESION (*)</b>	TAI-0-0021	100/100 on copper	Passed <input checked="" type="checkbox"/>

(\*) - Final

**WARRANTY EXTENSION**  
 This product has been retested by the Taiyo America Quality Control department and has been granted a warranty extension.

@ 140°C (284°F) in a convection oven

Verified By:

[Signature]      P.C. SUPERVISOR      9/30/19  
 Name, Title, Date

Warranty period ends:

05/23/20

Authorized By:

Luis Marquez  
 QC Supervisor