

**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 # 9031847


Mfg. Date: 3-18-19

Warranty Ends: 9-18-19

PROPERTY	TEST METHOD	MANUFACTURING SPECIFICATION	RESULT
<b>VISCOSITY</b>	Toki Sangyo RE100U Viscometer 5 rpms @ 25°C	Before mixing: 290 - 350 ps After mixing: Report Only	298 ps 426 ps
<b>THIXOTROPIC INDEX</b>	Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm	Before mixing: 1.4 - 2.2 After mixing: Report Only	1.8 2.6
<b>FINENESS OF GRIND</b>	TAI-0-0002	17.5 microns maximum	5 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	9H
<b>ADHESION (*)</b>	TAI-0-0021	100/100 on copper	Passed <input checked="" type="checkbox"/>

(\*) - Final cure for these tests was 20 minutes @ 140°C (284°F) in a convection oven

Verified By:

  
 Name, Title, Date  
 D.C. SUPERVISOR 3/22/19