

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


**CERTIFICATE OF ANALYSIS and 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.

<b>UVR-150 TU Blue</b>	<b>Lot #</b> 0072487	<b>Mfg. Date:</b> 7-24-20	
		<b>Warranty Ends:</b> 7-24-21	
		<b>MANUFACTURING SPECIFICATION</b>	<b>RESULT</b>
<u>PROPERTY</u>	<u>TEST METHOD</u>		
<b>VISCOSITY</b>	Toki Sangyo RE100U Viscometer 5 rpms @ 25°C	120 - 140 ps	130 ps
<b>THIXOTROPIC INDEX</b>	Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm	1.3 - 1.9	1.4
<b>FINENESS OF GRIND</b>	TAI-0-0002	17.5 microns maximum	12.5 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 3 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	4H or greater	9H
<b>ADHESION (*)</b>	TAI-0-0021	100/100 on copper	Passed <input checked="" type="checkbox"/>

(\*) - UV cure for these test was 1.0 joules/cm<sup>2</sup> as measured by a ORC UV-350 radiometer using three high pressure mercury vapor lamps @ 80 w/cm.

Verified By:

 Q.C. SUPERVISOR 9/29/20  
 Name, Title, Date