

**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.

**UVR-150 TU Blue**

**Lot #** 0022517

**Mfg. Date:** 2-25-20  
**Warranty Ends:** 2-25-21

PROPERTY  
VISCOSITY

TEST METHOD

MANUFACTURING  
SPECIFICATION

RESULT

Toki Sangyo RE100U Viscometer  
 5 rpms @ 25°C

120 - 140 ps

124 ps

**THIXOTROPIC INDEX**

Toki Sangyo RE100U Viscometer  
 Viscosity ratio: 5 rpm / 50 rpm

1.3 - 1.9

1.4

**FINENESS OF GRIND**

TAI-0-0002

17.5 microns maximum

12.5 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 3 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

4H or greater

9H

**ADHESION (\*)**


TAI-0-0021

100/100 on copper

Passed

(\*) - 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 2/28/20  
 Name, Title, Date