

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 the manufacturing specifications for this product.

This product meets all the requirements of Bellcore GR-78-CORE Issue 1, September 1997 for Legend and Marking Inks.

UVR-110W (USA) Lot # 0092517 Mfg. Date: 9-25-20
Warranty Ends: 6-25-21

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>MANUFACTURING SPECIFICATION</u>	<u>RESULT</u>
VISCOSITY	Toki Sangyo RE100U Viscometer 5 rpm @ 25°C	110 - 130 ps	123 ps
THIXOTROPIC INDEX	Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm	1.5 - 2.5	1.8
FINENESS OF GRIND	TAI-0-0002	17.5 microns maximum	10 microns
VISUAL EXAMINATION	Microscopic examination: 1. 1-mil drawdown of wet film 2. Wet film drawdown on grind gauge	No bubbles, pits, voids, particles, color differences. No bubbles, pits, voids, particles, color differences.	Passed <input checked="" type="checkbox"/> Passed <input checked="" type="checkbox"/>
SCREENABILITY	Visual inspection of coated panel	No surface defects, such as bubbles, pinholes, etc.	Passed <input checked="" type="checkbox"/>
PENCIL HARDNESS (*)	TAI-0-0020	3H or greater	4H
ADHESION (*)	TAI-0-0021	100/100 on copper	Passed <input checked="" type="checkbox"/>

(*) - UV cure for these tests was 1.0 joules/cm² as measured by a ORC UV-350 radiometer using three high pressure mercury vapor lamps @ 80 W/cm.

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

Verified By: [Signature]
Q.C. SUPERVISOR 10/19/20
Name, Title, Date

Warranty period ends:
10/25/21
Authorized By:
Luis Marquez
QC Supervisor