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.

1 11 MAN 1537 NO DI 4-15-20

Lot # 004155 T	Mfg. Date: 4-15-21 Warranty Ends: 1-15-21	
TEST METHOD Taki Sangra PE10011 Viscometer	MANUFACTURING SPECIFICATION	RESULT
5 rpms @ 25°C	110 - 130 ps	122 ps
Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm	1.5 - 2.5	1.7
TAI-0-0002	17.5 microns maximum	7.5 microns
Microscopic examination:		
1. 1-mil drawdown of wet film	No bubbles, pits, voids, particles, color differences.	Passed U
Wet film drawdown on grind gauge	No bubbles, pits, voids, particles, color differences.	Passed [7]
Visual inspection of coated panel	No surface defects, such as bubbles, pinholes, etc.	Passed
TAI-0-0020	3H or greater	6 H
TAI-0-0021	100/100 on copper	Passed 🔽
	TEST METHOD Toki Sangyo RE100U Viscometer 5 rpms @ 25°C Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm TAI-0-0002 Microscopic examination: 1. 1-mil drawdown of wet film 2. Wet film drawdown on grind gauge Visual inspection of coated panel TAI-0-0020	Warranty Ends: -(5-2 MANUFACTURING SPECIFICATION Toki Sangyo RE100U Viscometer 5 rpms @ 25°C Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm 1.5 - 2.5 TAI-0-0002 17.5 microns maximum No bubbles, pits, voids, particles, color differences. No bubbles, pits, voids, particles, color differences. Visual inspection of coated panel No surface defects, such as bubbles, pinholes, etc.

(*) - 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.

Verified By:

P.C. SUPERVISOR 4/16/20

Name, Title, Date

FRM-0-0009