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.

TER-20 K27 **Lot #** 9070387 Mfg. Date: 7-03-19
Warranty Ends: 1-03-20

PROPERTY	TEST METHOD	MANUFACTURING SPECIFICATION	RESULT
VISCOSITY	Toki Sangyo RE100U Viscometer 5 rpms @ 25°C	135 - 165 ps	153 ps
THIXOTROPIC INDEX	Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm	1.10 – 1.50	1.32
FINENESS OF GRIND	TAI-0-0002	15 microns maximum	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 screen Printed panel	No surface defects,	Passed ☑
TACK-DRY	Hot air convection oven 90°C / 30 minutes	Tack-free to the touch	Passed ☑
IMAGING	ORC HMW 680GW 7kW 100 mJ/cm²	Stouffer step: Report Only (clear on copper)	4
	Horizontal Developer – 1% Na2CO3 30°C (86°F) / 60 secs., 20 psi		
PENCIL HARDNESS	TAI-0-0020	H Minimum	H
ADHESION	TAI-0-0021	100/100 on copper	Passed ☑
STRIPPABILITY	TAI-0-0028	No ink residue	Passed ☑

Verified By:

Q.C. Supervisor 8/28/19
Name, Title, Date