

**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 Clear      Lot # 9041527      Mfg. Date: 4-15-19  
 Warranty Ends: 10-15-19

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>MANUFACTURING SPECIFICATION</u>	<u>RESULT</u>
VISCOSITY	Toki Sangyo RE100U Viscometer 5 rpms @ 25°C	135 - 165 ps	152 ps
THIXOTROPIC INDEX	Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm	1.10 - 1.50	1.24
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 <input checked="" type="checkbox"/>
	2. Wet film drawdown on grind gauge	No bubbles, pits, voids, particles, color differences.	Passed <input checked="" type="checkbox"/>
SCREENABILITY	Visual inspection of screen printed panel	No surface defects,	Passed <input checked="" type="checkbox"/>
TACK-DRY	Hot air convection oven 90°C / 30 minutes	Tack-free to the touch	Passed <input checked="" type="checkbox"/>
IMAGING	ORC HMW 680GW 7kW 100 mJ/cm <sup>2</sup>	Stouffer step: Report Only (clear on copper)	5
	Horizontal Developer - 1% Na <sub>2</sub> CO <sub>3</sub> 30°C (86°F) / 60 secs., 20 psi		H
PENCIL HARDNESS	TAI-0-0020	H Minimum	
ADHESION	TAI-0-0021	100/100 on copper	Passed <input checked="" type="checkbox"/>
STRIPPABILITY	TAI-0-0028	No ink residue	Passed <input checked="" type="checkbox"/>

Verified By:

[Signature]      d.c. SUPERVISOR      4/18/19  
 Name,                      Title,                      Date