

**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 # **9050137**

Mfg. Date: **5-01-19**  
Warranty Ends: **11-01-19**

<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	<b>138</b> ps
THIXOTROPIC INDEX	Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm	1.10 - 1.50	<b>1.45</b>
FINENESS OF GRIND	TAI-0-0002	15 microns maximum	<b>5</b> 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)	<b>H</b>
	Horizontal Developer - 1% Na <sub>2</sub> CO <sub>3</sub> 30°C (86°F) / 60 secs., 20 psi		<b>H</b>
PENCIL HARDNESS	TAI-0-0020	H Minimum	<b>H</b>
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]* **Q.C. SUPERVISOR** **5/3/19**  
Name, Title, Date