

**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	138 ps
THIXOTROPIC INDEX	Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm	1.10 - 1.50	1.45
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>  Horizontal Developer - 1% Na2CO3 30°C (86°F) / 60 secs., 20 psi	Stouffer step: Report Only (clear on copper)	H  H
PENCIL HARDNESS	TAI-0-0020	H Minimum	H
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"/>

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

Warranty period ends:  
12/01/19

Authorized By:  
**Luis Marquez**  
**QC Supervisor**

Verified By:

*[Signature]* Q.C. SUPERVISOR 5/3/19  
Name, Title, Date