TAIYO AMERICA, INC.
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# CERTIFICATE OF ANALYSIS and CONFORMANCE

**This is to certify that the following product has been inspected prior to sale and shipment, and complies with Taiyo America's manufacturing specifications for this product.**
**This product meets all the requirements of IPC-SM-840E Classes H and T and Bellcore (Telecordia) GR-78-CORE and is UL recognized 94V-0 (File #E166421, UL Name: PSR-9000AC).**

**PSR-9000 FXT GREEN** **Lot #** 1092217 **Mfg. Date:** 9-22-21
**Warranty Ends:** 6-22-22

| PROPERTY | TEST METHOD | MANUFACTURING SPECIFICATION | RESULT |
|---|---|---|---|
| VISCOSITY | Toki Sangyo RE100U Viscometer<br>5 rpms @ 25°C | Before mixing: 180 - 220 ps<br>After mixing: 140 - 180 ps | 201 ps<br>176 ps |
| FINENESS OF GRIND | TAI-0-0002 | 15 microns maximum | 5 microns |
| VISUAL EXAMINATION | Microscopic examination:<br>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 ☑ |
| RESISTANCE TO SOLDERING (*) | 260°C (500°F) / 10 sec x 1 cycle<br>Rosin-based flux | No discoloration, peeling, or blistering | Passed ☑ |
| FLEXIBILITY (*) | TAI-0-0025 | No cracking | Passed ☑ |
| ADHESION (*) | TAI-0-0021 | 100/100 on copper | Passed ☑ |

**(*) - Final cure for these tests was 60 minutes @ 150°C (302°F) in a convection oven**

**Verified By:**
Q.C. Supervisor 9/28/21
**Name, Title, Date**