

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 AMBER Lot # 9090517 Mfg. Date: 9-05-19
 Warranty Ends: 6-05-20

| <u>PROPERTY</u> | <u>TEST METHOD</u> | <u>MANUFACTURING SPECIFICATION</u> | <u>RESULT</u> |
|------------------------------------|--|--|--|
| VISCOSITY | Toki Sangyo RE100U Viscometer 5 rpms @ 25°C | Before mixing: 180 - 220 ps After mixing: 140 - 180 ps | <u>187</u> ps <u>157</u> ps |
| FINENESS OF GRIND | TAI-0-0002 | 15 microns maximum | <u>5</u> microns |
| VISUAL EXAMINATION | Microscopic examination: 1. 1-mil drawdown of wet film 2. Wet film drawdown on grind gauge | No bubbles, pits, voids, particles, color differences. No bubbles, pits, voids, particles, color differences. | Passed <input checked="" type="checkbox"/> Passed <input checked="" type="checkbox"/> |
| RESISTANCE TO SOLDERING (*) | 260°C (500°F) / 10 sec x 1 cycle Rosin-based flux | No discoloration, peeling, or blistering | Passed <input checked="" type="checkbox"/> |
| FLEXIBILITY (*) | TAI-0-0025 | No cracking | Passed <input checked="" type="checkbox"/> |
| ADHESION (*) | TAI-0-0021 | 100/100 on copper | Passed <input checked="" type="checkbox"/> |

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

Verified By: [Signature] Q.C. SUPERVISOR 9/6/19
 Name, Title, Date