

INV. No. 695878.A

# INSPECTION CERTIFICATE

**TAIYO INK MFG. CO., LTD.**  
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Inspection Sec.  
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PSR-9000 FLX07

Lot No. 1060715

General Judgment  
**PASS**  
Jun. 8.2021

Items	Test method	Specifications	Result
Appearance	Compare to the previous lot	No difference in hue hardness, flowability.	PASS
Viscosity	Cone Plate type Viscometer (Just after production)	130+/-40dPa·s (Ps) (At 5min · · 25°C) (Main agent)	169dPa·s
Photo sensitivity	On FR-4 base material Step Tablet:KODAK No.2	Under mylar film, 4 MIN at 200mJ/cm <sup>2</sup>	No. 6
Developability	Pre-baked at 80°C / 50min. 1wt%. Na2CO3, 30°C, 60sec 0.196MPa (2kg/cm <sup>2</sup> )	No ink residue after develop No blistering and/or No peeling	PASS

Remarks: Curing condition  
Exposure:200mJ/cm<sup>2</sup> (Metal halide lamps)  
150°C/60min. (Hot air convection oven)

Pencil hardness	TAIYO Internal Test Method (GIP-010AA)	H or above (On copper)	H
Adhesion	TAIYO Internal Test Method (GIP-008AA)	100/100	100/100
Solder Resistance	TAIYO Internal Test Method (GIP-009AA) Rbsin based flux; 260+/-5°C 10sec. × 1cycle	No blistering and/or No peeling	PASS

RoHS Compliance

All values are tentative until  
HVN stabilized.

Approved by:  
*S. Kobayashi*  
S. Kobayashi, Inspection.