

## INSPECTION CERTIFICATE

 **TAIYO INK MFG. CO., LTD.**

900 HIRASAWA, RANZAN-MACHI HIKIGUN

SAITAMA 355-0215 JAPAN

Inspection Sec.

TEL +81-493-61-2711

PSR-9000 FLX07

Lot No. 0070615

General Judgment

**PASS**

Jul. 7.2020

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)	156dPa·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. 5
Developability	Pre-baked at 80°C / 50min. 1wt%, Na <sub>2</sub> CO <sub>3</sub> , 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) Rosin based flux; 260+/-5°C 10sec. × 1cycle	No blistering and/or No peeling	PASS

RoHS Compliance

All values are tentative until  
HVM stabilized.

Approved by:

