

INSPECTION CERTIFICATE

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

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Inspection Sec.

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PSR-800 AUS SR1 495E23

Lot No.

0062212

General Judgment

PASS

Jun. 29. 2020

Items	Test method	Specifications	Result
Appearance	Visual inspection (□100mm)	No uneven coating, stripe, roll-up wrinkle.	PASS
Resist thickness	Stylus profile measuring system (Just after the Film production)	23.0+/-2.0 μm	23.2 μm
Film width	JIS 1(st) class grade (Just after the Slit)	495.0+/-1.0mm	495.5mm
Photo sensitivity	On FR-4 base material Step Tablet:Stouffer 41 step	On the cover-film, 5 MIN at 500mJ/cm ² (Contact Exposure)	No. 8
Developability	(80°C / 30min)after Lamination 1wt% Na2CO3 30°C 0.196MPa (2kg/cm ²) 90sec	No ink residue remains on copper No blistering and/or peeling of solder resist after development	PASS

Remarks;

Curing condition
Exposure:500mJ/cm²
(High-pressure mercury short arc lamp)
UV Cure:1000mJ/cm²
PostCure:160°C/60min.
(Hot air convection oven)

Pencil hardness	TAIYO Internal Test Method (GIP-010AB)	5H or above(On copper)	7 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. × 3cycle	No blistering and/or No peeling	PASS
Solvent Resistance	Immersed in PGM-Ac 20°C/30min.	No blistering and/or No peeling	PASS

RoHS Compliance

Approved by:

