

品质检查报告

INSPECTION CERTIFICATE



太阳油墨（苏州）有限公司

TAIYO INK(SUZHOU)CO.,LTD.

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技术研发二部 检查课

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PSR-9000 FLX5010R

Lot No. 26052518

结论
General Judgement

合格

PASS

2026.05.25

项目 (Items)	检验方法 (Test Method)	标准 (Specifications)	结果 (Result)
外观 (主剂) Appearance	与合格品比较 Compare with qualified products	无色调及流动性差异, 无异物混入 No difference in hue hardness, flowability. No foreign matters.	PASS
粘度 (主剂) Viscosity	圆锥盘型粘度计 (仕上时) Cone plate type viscometer (Just after production)	470±40 dPa·s (Ps), 主剂, 5min-1·25°C 470±40dPa.s(Ps) (At 5min-1·25°C main agent)	466dPa.s
指触干燥性 Tack Free	涂膜厚度: 20 μm, 80°C/30 min. (热风循环烤箱) Coating thickness: 20 μm 80°C/30min. (at hot air box oven)	油墨不沾粘于底片上 Ink never transfer to nega film	PASS
感度 Photo sensitivity	FR-4 板材上, KODAK No.2 格数片 On FR-4 base material Step Tablet:KODAK No.2	光感度达 6 格或以上, 曝光量为 400 mJ/cm2 Under mylar film 6MIN at 400mJ/cm2	No7
显像性 Developability	以 80°C/60min 预烤, 并以 1 wt%, Na2CO3, 30°C, 60sec, 0.196 Mpa (2 kg/cm2) Pre-baked at 80°C/60min. 1wt%, Na2CO3, 30°C, 60sec 0.196Mpa (2kg/cm2)	显像后板面无残墨, 无油墨浮起或剥离现象 No ink residue after develop No blistering and/or No peeling	PASS
铅笔硬度 Pencil hardness	JIS K 5400 JIS K 5400	4H 或以上 (铜面上) 4H or above (on copper)	4H
焊锡耐热性 Solder Resistance	JIS C 6481 松香系助焊剂 260±5°C 10sec/ 1次 JIS C 6481 Rosin based flux: 260°C±5 °C 10sec.×1cycle	无油墨浮起或剥离现象 No blistering and/or No peeling	PASS
密着性 Adhesion	JIS D 0202 JIS D 0202	100/100 100/100	PASS
耐溶剂性 Solvent Resistance	浸泡于 PGM-Ac 室温/20min Immersed in PGM-Ac room temp./20min.	无油墨浮起或剥离现象 No blistering and/or No peeling	PASS

附注:

操作条件: 曝光量: 400mJ/cm2 (UV灯管)、后烘烤: 150 °C/60 min. (热风循环烤箱)

RoHS Compliance

Remarks:

Curing condition

Exposure:

400mJ/cm2 (Metal halide lamps)、150°C/60min. (Hot air convection oven)

1kg

P260028260

Approved by: Zhou Weihai

Inspection.