

INSPECTION CERTIFICATE

TAIYO INK MFG. CO., LTD.

1-1 Kurosakishiroishi

Yahatanishi-ku, Kitakyushu-City

Fukuoka, 806-0004 Japan

QA Group TEL+81-93-644-2733

IJSR-4000 JM03G

Lot No.

0020417

General Judgment

PASS

Feb. 13. 2020

Items	Test method	Specifications	Result
Appearance	Compare to the previous lot	No difference in hue hardness, flowability. No foreign matters	PASS
Viscosity	Cone Plate type Viscometer (Just after production)	36.0+/-5.0mPa·s (cPs) (At 100min ⁻¹ · 25°C)	33.5mPa·s
Surface tension	Surface tensiometer (Ring Method)	35.0+/-3.0mN/m	34.9 mN/m

Remarks:

Curing condition

Exposure: 600mJ/cm²

(High pressure mercury lamp)

150°C/60min. (Hot air convection oven)

Post UV 1000mJ/cm²

Pencil hardness	TAIYO Internal Test Method (GIP-010AA)	3H or above (On copper)	3H
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

RoHS Compliance

Approved by:

M. Nishii