TRENDVISION

INKMO 中墨

COLORS AND MORE

UV/LED Curable Inkjet Ink - Rigid

Overview

Primary uses of this product are for UV/LED cured point-of-purchase (POP) displays, durable graphics, where colour, adhesion, and hardness are of primary importance. Typical substrates used for this inkjet ink are: acrylics, glass, and metallic surfaces.

Compatible Substrates

- *Acrylics*
- *Glass (with primer)*
- *Ceramics (with primer)*
- *Metallic surfaces (may require primer)*
- *Styrene*
- *Polycarbonate board*
- *KT boards*

Note: Adhesion should always be tested as it does depend upon curing condition (intensity/wavelength/energy absorbed) and manufacturer of substrate.

5600 Series

Printhead Types

- *Ricoh Gen 5 (MH5420)*
- *Konica Minolta KM512i/KM1024i (13 pL)*

Black	Yellow	Magenta	Cyan	White
K5691	Y5691	M5691	C5691	W5791

6600 Series

Printhead Types

- *EPSON DX5*
- *EPSON DX7*
- *EPSON XP600*

Black	Yellow	Magenta	Cyan	White
K6601	Y6601	M6601	C6601	W6601

Hardness

	K	Y	M	C	W
5600 Series	4H	4H	4H	4H	4H
6600 Series	4H	4H	4H	4H	4H
5600/6600 Series Light Fastness	7-8	7-8	7-8	7-8	7-8

[1] Domestic acrylic board 3mm, 750g pencil tester.

Curing Requirements

Trendvision 5600/6600 Series UV/LED Inkjet Ink has been formulated to cure when exposed to 395 nm, 4 W/cm^2 or higher dual UV/LED lamp systems. Please note that the wattage labeled on the curing lamp may not necessarily be equal to the actual output wattage. For best curing results, please allow the printed substrate to post cure in ambient condition up to 24 hours before use.

Storage/Shelf Life

Ink and flush solutions must be stored between 20˚C - 25˚C (68˚F - 77˚F), both solutions should always be kept away from heat, sparks, flames, and sunlight. The sealed bottles must be well shaken before use. The shelf life of Trendvision Inkmo 5600 Series UV/LED Inkjet Ink is 12 months (UV flush), 8 months (C/M/Y/K), and 6 months (W) from the date of manufacture when stored under prescribed conditions. The shelf life of Trendvision Inkmo 6600 Series UV/LED Inkjet Ink is 12 months (UV flush), 6 months (C/M/Y/K/W) from the date of manufacture when stored under prescribed conditions

SGS EU RoHS Certified – UV Ink

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Test Method: With reference to

IEC 62321-4:2013+A1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

RoHS compliant