

## UV INKS & VARNISHES

### TECHNICAL DATA SHEET



PRODUCT : UV2788-WRINKLE EFFECT INK  
 BRAND : SUNLAN CHEMICALS  
 CLASSIFICATION : UV INKS  
 PACKAGING :  
 COLOR : REFER TO COLOR SAMPLE

**SUBSTRATES :** Paper, PVC sheet, organic glass and some filmed paper.

**FINISHED PRODUCTS :** Packaging of wine, cigarette, stationery, tea, cosmetic and gifts.

**PRODUCT CHARACTER :** Have scale effect on substrates, even stripe, distinct in lightness, strong Wrinkle effect.



Excellent Wrinkle



Good Adhesion



Environmental

**Product**

UV2789-Wrinkle

**Anti-Water**

Grade2

**Flexibility**

Excellent

**TECHNICAL PARAMETER :**

**Product**

UV2789-Wrinkle

**Appearance**

Transparent or Yellowish

**Viscosity/250C**

25-30p

**Curing-speed**

15-25m/min

**Curing-Power**

≥90mj/cm2

**Resin**

≥99%

**APPLICATION INFORMATION :**

**MESH:** Monofilament mesh,120-250mesh with 13-15N/cm<sup>2</sup>.

**SQUEEGEE:** 65-75 durometer solvent resistance blade, such as PU.

**COVERAGE:** Depends on the printing situation.

**UV MACHINE:** 40W Wrinkle lamp 3PCS and 5KW UV lamp 2PCS.

**THINNER:** UVH-2# thinner.

**CLEAN UP:** 007.

**NOTE :**

1. The printing effect will be affected by water condition of the substrate surface and humidity surround.If the paper contains plenty of water or it is high in humidity when printing, it may cause the phenomena of mildew or bad adhesion.To solve this problem, the printer should:

A. Dry the moist paper by sunshine or curing machine.

B. Avoid printing in moist surroundings.

C. Dry with sunshine or curing machine when the presswork desquamates.

2. When printing on matt film paper,the process of crinkling will reduce the contact surface with substrate,at the same time, crinkling will result in varnish concentration,with decrease in matt film treating,simple wrinkle varnish will lose adhesion. To avoid this problem, the printer should pretest it and specific wrinkle varnish should be chose for matt film paper.

3. When printing on off-mould paper covered PVC and organic glass sheet,use alcohol to clean the surface to avoid adhering.

4. Number of mesh,thickness of emulsion,voltage of wrinkle lamp and conveying speed of curing machine are important factors in determining printing effect. Pretest before printing is required, the factory can offer specific wrinkle varnish for clients to meet different printing requirement.

**PRODUCT PACKAGE :**

1kg / 5kgs / 20kgs.

**SOTRAGE :**

12 months with 5-25°C, far away from strong light, strong acid and strong super salinity.