



# Laminating adhesive

## 【Product introduction】

- ❖ Series of products mainly cover water-based laminating adhesive and solvent laminating adhesive, which are mainly used for paper film covering products.
- ❖ Two categories: water-based and solvent-based.
- ❖ It has high anti-foaming, fast machine speed, general-purpose and other different laminating adhesive, which can meet all kinds of film covering requirements.

## 【Specifications】

- ❖ Appearance: Milky white liquid with blue fluorescence or light yellow
- ❖ Viscosity: 10~30 Second(25 °C, Flow cup - 4)
- ❖ PH Value: 5~8 (PH paper)

## 【Main components】

- ❖ Acrylate emulsion
- ❖ SBS resin
- ❖ Additives
- ❖ Water
- ❖ Toluene

## 【Applicable machine】

Laminator

1	Item	Suitable machine	Application viscosity (Viscosity cup - 4 Cups,25°C,s)	Bake temperature (°C)	Hot roll temperature (°C)	Roller pressure (MPa)	Time from laminating to post processing (h)
2	Parameters	Manual/ Automatic	11~13	60~90	70~90	15~30	24



### **【User's guidance】**

- ❖ The surface tension of BOPP films and ink should be at least 37 dyne/cm.
- ❖ The paper need to be placed more than 48 hours after printing, laminating when the ink is dry. To be placed after laminating more than 24 hours before further pressing lines or other processes.
- ❖ Stored in a cool, dry, ventilated place.
- ❖ The construction environment temperature should be higher than 10 °C during using adhesive, and placed the newly bonded work piece in the environment of 10 ~ 30 °C for at least 4 hours.
- ❖ Due to the influence of material, gluing method and environmental factors, the production process shall be adjusted appropriately.

### **【Packing and Storage】**

- ❖ Package and packing specification: plastic bucket, net weight 20kg, 50kg.
- ❖ Storage conditions and shelf life: above 0 °C (product does not freeze), below 37 °C, 6 months.

### **【Disclaimer】**

This specification is in accordance with the actual production and test results, whether the product could meet your process requirements depends on application conditions and printed material. We recommend the users to assess if the product can meet all their requirements before production. Since we cannot predict or control your printing condition, the product performance cannot be guaranteed all sales are subjected to the standard terms and conditions of the sales control division.