



WATERBORNE ACRYLIC RESIN TOA XA-9050

TOA Resin Co., Ltd.

TOA XA-9050 is an acrylic emulsion. It is widely used in textile coating, textile printing, leather and paper finishing. It has good abrasion and excellent transparency. The hand feeling of XA-9050 is soft.

1. Specification

Name	XA-9050
Appearance	White Milk Liquid
Solid Content (%)	40 ± 2%
Ionic	Anionic
pH Value	5 ± 1%

2. Usage

- A. Normally, XA-9050 is able to use directly. In some case, XA-9050 should adjust to desired solid contents and also adding the crosslinking agent UC-875B or UC-805P and stir thoroughly before applying.
- B. In order to increase its viscosity, you can put ammonia (25%) or NaOH (28%) slowly during the stirring process till pH reach to about 10. If necessary, add thickener AE to adjust to the required viscosity. Do not mix too fast in order to avoid the bubble.
- C. After adjusting to desired viscosity, should keep it stay to stable condition for around 1 hr. It has de-bubble effect, too.
- D. If adding crosslinking agent UC-875B, the curing process should have pre-dry in 100°C x 1 minutes and post dry in 150°C x 2minutes.

3. Package

120Kg / plastic drum.

✧ All data provided here are for reference only and subject to change without prior notice.

2006/1



WATERBORNE ACRYLIC RESIN
TOA XA-9050

TOA Resin Co., Ltd.

Pigment Printing Process Suggested Recipe

XA-9050	30
H ₂ O	65
Pigment	Depends on required color
UC-875B or UC-877K	1~3
AAQ (25%) ammonia aqua	2
AE (Thickener)	6~7
Viscosity (cps)	30,000