



Dongguan Baoyu Industrial Co., Ltd.

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東莞市

Dongguan

寶裕

Bao Yu

實業有限公司

Industry Co., Ltd.

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Dongguan Baoyu Industrial Co., Ltd.





Dongguan Baoyu Industrial Co., Ltd.

## Company Profile

Dongguan Baoyu industrial Co. Ltd, was established at 1997 where located at Hengli town Dongguan city, dedicated to developing, manufacturing, marketing and sales for textile dyeing & printing chemicals, our product is hot sale to all over the nation and south-east countries, with name “Binder expert” & “Thickener manufacturer” .

We own R&D center, advanced manufacturing equipment and best after-sales service, with strong power & experience of emulsion polymerization over one decade, develop eco-friendly water based printing material- binder, PTF series thickener, artificial flowers etc products.

We insist on people oriented, pre-sale consulting, after-sales service, developing, providing excellent & consistency product for clients as well as solve the different problems when processing, also we would like to work with all partners and grow up together to set up our national brand.



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## Imitation reactive binder 101

101 is water based binder, it is mainly made of acrylate emulsified, including special crosslinking polymer emulsion. (APEO & NPEO free, DNP, heavy metal, AZO can match EU' s eco standard )

### BASIC CHARACTER:

Appearance: milky white thick liquid

Ion state: anion

Solid content: 42 ± 2

PH: 6.5—7

### PROPERTY:

Extreme soft hand touch with similar effect like reactive printing, suitable for printing of kids wear, towel and pajamas

### APPLICATION:

Dosage for light color printing: 10%—15%

For dark color: 20%—25%

It is used for machine printing with good wetting function, not easy to screen clot, the fastness is much better after curing

Temperature: 150—180℃, time: 3—5 minutes

### REMARK:

Need to make lab testing before machine trial.

### PACKING:

50/125kgs/drum

### STORAGE:

in cool and dry place, 6 months shelf life



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## T-40 Nylon binder ( can used for discharge )

T-40 is water based binder, it is mainly made of acrylate emulsified, including special crosslinking polymer emulsion. (APEO & NPEO free, DNP, heavy metal, AZO can match EU' s eco standard )

### BASIC CHARACTER:

Appearance: milky white liquid  
Ion state: anion  
Solid content:  $40 \pm 2$   
PH: 6.5—7

### PROPERTY:

Soft hand touch, no screen clot for machine printing, especially for nylon, TC and mercerized cotton, good washing fastness

### APPLICATION:

light color dosage: 10%—15%  
Dark color dosage: 20%—25%  
It is used for machine printing with good wetting function, not easy to screen clot, the fastness is much better after curing

### TEMPERATURE:

150—180℃, time: 3—5 minutes

### REMARK:

Need to make lab testing before machine trial.

### PACKING:

Packing: 50/125kgs/drum

### STORAGE:

Storage: in cool and dry place, 6 months shelf life



## Binder T-38

T-38 is water based binder, it is mainly made of acrylate emulsified, including special crosslinking polymer emulsion. (APEO & NPEO free, DNP, heavy metal, AZO can match EU' s eco standard )

### BASIC CHARACTER:

Appearance: milky white liquid

### ION STATE:

anion

### SOLID CONTENT:

$38 \pm 2$

### PH:

6.5—7

### PROPERTY:

especially for cotton printing with good dry & washing fastness, can achieve 3-4 levels

### APPLICATION:

light color dosage: 10%—15%  
Dark color dosage: 20%—25%  
It is used for machine printing with good wetting function, not easy to screen clot, the fastness is much better after curing

### TEMPERATURE:

150—180℃, time: 3—5 minutes

### REMARK:

Need to make lab testing before machine trial.

### PACKING:

50/125kgs/drum

### STORAGE:

in cool and dry place, 6 months shelf life







## Thickener 528A

Thickener 528A is an acrylic copolymer with excellent thickening ability, for use in preparing the printing paste of pigment on all kinds of fabrics.

### PROPERTIES AND ADVANTAGES

- Strong water cohesive and high thickening ability.
- Deep color yielding with excellent definition.
- Can obtain a brilliant shade.
- Concentrated and low dosage.
- No effect to the hand of printed articles.
- Can add to the paste directly and easy to use.

### BASIC CHARACTERISTIC

Appearance : slightly yellowish thick liquid

Iconicity : Anionic

pH value : 6.0~8.0 (original liquid)

Solubility: Easy to disperse in water

### FIELDS OF APPLICATION

pigment printing for roller printing machine.

pigment printing for rotary and flat screen printing machine.

pigment printing for hand printing.

### DOSAGE

pigment X %  
528A 1.2~1.5 %

Binder 5~20 %

Water Y %

Compose to 100 %

Prepare paste → printing → dry(100 °C) → curing  
(150~160 °C × 3min)

### PACKAGE

150 kg per plastic drum

### STORAGE

528A has a shelf life of at least 12 months when store in a cool ventilated place.



## Reactive thickener 828A

828A is a thickener for the printing of reactive dyes, and is a kind of poly acrylic acid sodium salt compound, with very good self-thickening ability, suited for the printing of reactive dyes on cotton, rayon, knitted fabrics.

### PROPERTIES AND ADVANTAGES

- With very strong thickening ability when used for the printing of reactive dyes, the thickening build-up ability is very fast.
- Sharp definition, high dyestuff uptake, brilliant color.
- Fast swelling speed in water, paste formation is easy, so as to ensure the paste preparation in time.
- Washing-off is easy, less residues on fabric surface.
- APEO free.

### BASIC CHARACTERISTIC

Appearance : Slightly yellowish viscous liquid

Ionic State : Anionic

pH value : 6.5 ~ 7.5 (original liquid)

Dispensability : Easily dispensable in water.

### RECIPE FOR REFERENCE

Printing of reactive dyes :

828A 3.5-4 %

Sodium alginate 2-3%

Urea 10%

Sodium bicarbonate 2%

Resist salt 1%

Water Y %

Total 100 %

### PACKING

150 kg plastic drum.

### STORAGE

6 months

Store in a cool place







## Thickener 301

Thickener 301 is an acrylic copolymer with excellent thickening ability, for use in preparing the printing paste of pigment on all kinds of fabrics.

### PROPERTIES AND ADVANTAGES

- Strong water cohesive and high thickening ability.
- Deep color yielding with excellent definition.
- Can obtain a brilliant shade.
- No effect to the hand of printed articles.
- an add to the paste directly and easy to use.

### BASIC CHARACTERISTIC

Appearance : yellowish thick liquid

Iconicity : Anionic

pH value : 6.0~8.0 (original liquid)

Solubility: Easy to disperse in water

### FIELDS OF APPLICATION

pigment printing for roller printing machine.

pigment printing for rotary and flat screen printing machine.

pigment printing for hand printing.

### DOSAGE

pigment X %

301 2.5~3 %

Binder 5~20 %

Water Y %

Compose to 100 %

Prepare paste → printing → dry(100°C) → curing  
(150~160°C × 3min)

### PACKAGE

125 kg per plastic drum

### STORAGE

301 has a shelf life of at least 6 months when store in a cool ventilated place.



## Table Glue BD-A

### PROPERTY:

BD-A is water based copolymer of acrylate, it is water emulsion of low viscosity with high polymer and high solid, has excellent film stick which can last long time viscosity, not easy take out and good durable for washing.

### PACKING:

25kg or 50kg/drum

Basic Charter:

Appearance: milky white emulsion

Solid content: 36% ± 1、

Viscosity: 4000~6000CPS

PH: 6—7.5

### APPLICATION:

Before use, clean the printing table and coat BD-A, after dry fully and coat again, then can use after it dry.

### STORAGE:

One year

