



Foaming Binder HT-224N

1) Summary

Foaming Binder HT-224N is a high concentrated type foaming binder and soft hand three-dimensional design can be obtained by performing heat treatment in short time after printed on various kinds of material. Foaming Binder HT-224N is a foaming binder of high temperature type and is suitable for printing by auto screen and rotary screen as well as manual printing by hand screen. Foaming Binder HT-224N does not contain any banned harmful substances such as formaldehyde, PVC, Phthalate, Organotin compounds... etc.

2) Nature

Foaming Binder HT-224N	
Appearance	Milky White emulsion
Viscosity	25,000 ± 5,000 mPa · s
pH	7.5 ± 0.5

3) Usage

{Standard Recipe}	Puff Print
Foaming Binder HT-224N	20~80
Clear MJB	20~80
Neo Color Pigment	~7
Fixer F	2

4) N.B.

1. Re-baking on finished product sometimes causes reduction of foaming effect.
2. Heat treatment should be performed after complete dry; otherwise any defects will be appeared on printed surface such as insufficient foaming and spots if heat treatment is performed when The printed part is still wet.
3. When this product is applied on polyester or polyamide etc., use of Fixer F (or Fixer N) is a must.
4. This product is designed not to be foamed in drying box of auto screen where temperature is less than 130°C.

Recommended Parameters

Fabric Types



100% Cotton
Cotton/ Poly Blend
100% Polyester
etc.

Screen Mesh



80~120 mesh/inch

Squeegee



Durometer : 70/90/70
Square Edge

Flash & Cure



170°C x 1-2min.

Pigment



Up to 7%

AUXILIARIES



Fixer N
Fixer L
Fixer F

Storage



5°C~30°C

Clean Up



Warm water
and mild detergent



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The above information is based on our knowledges and experiences currently available. Please, test and evaluate before the actual use.