



# BENSIZE K-9000

### Non-PVA Single Shot Size

## I. Introduction

**BENSIZ K-9000** is for application on easy management of warps sizing processing because it does not contain PVA and friendly to environment. This is the best sizing compounded to perform excellent warp sizing. For every type of fabric construction and loom capacity the selected raw material of modified starch, acrylic resin, wax etc. are compounded properly.

## II. Characteristics

Appearance	: Off-white powder
Viscosity	: 30 ~ 60 cps. (10% sol., 90 <sup>0</sup> C)
pH value	: 6.5 ± 1.0 (5%, 25 <sup>0</sup> C)
Compound component	: Acrylic resin, modified starch, wax etc.

### III. Properties

1. Warps sized with **BENSIZ K-9000** has a high abrasion resistance. The flexible film of **BENSIZ K-9000** guarantees an optimal weaving efficiency.
2. Reduces the number of yarn hair and yarn breaks, as a result it provides a higher weaving efficiency.
3. Facilitates splitting of the warps.
4. Uniform and stable pick-up film covering.
5. The size yarn has the softness, smoothness, flexibility, especially for Cotton, Tancel, Linen, Bamboo, viscous yarn
6. **BENSIZ K-9000** provides easy handing in de-sizing and finishing processing without any difficulty.

## IV. Application

1. **BENSIZ K-9000** is formulated to be used alone without any additives.
2. **BENSIZ K-9000** can be used to spun yarn (Cotton, rayon and its blend) fabric construction.

EX. OE 10/1 x 150D / 96 x 62 3/1

**BENSIZE K-9000** : 90 kg.

Water : 780 l.

Finish Solution : 1000 l.

**BEN TECH CHEMICAL CO., LTD.**

97/30 MOO 4, BANGNA-TRAD RD., BANGCHALONG, BANGPLEE, SAMUTPRAKARN, THAILAND, 10540,

TEL: +66-2-336-1298, FAX: +66-2-336-0426, E-mail: [info.btc@bentechchemical.com](mailto:info.btc@bentechchemical.com), [info2.btc@bentechchemical.com](mailto:info2.btc@bentechchemical.com),

Website: [www.bentechchemical.com](http://www.bentechchemical.com)





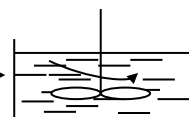
## V. Packing

Net 25 kgs in paper bag

## VI. Method of use

1. Pour 2/3 expected volume water into mixing tank and start stirring.

**BENSIZE K-9000** →

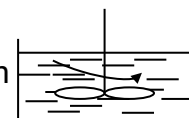


2. Put **BENSIZE K-9000** slowly into the mixing tank with stirring for 10 ~15 minutes. (Time depend on speed of stirring)

3. (a) In case of normal pressure, heating the mixing tank up to 95 – 100<sup>0</sup> C and continue stirring for 45 minutes.

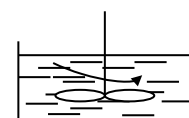
95°C x 45 min

or 110-120<sup>0</sup> C x 30min



(b) In case of high pressure, heating the mixing tank up to 110<sup>0</sup> C and continue stirring for 30 minutes.

4. Send cooked size to storage tank and pour hot water up to expected volume and still keep stirring.



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TEL: +66-2-336-1298, FAX: +66-2-336-0426, E-mail: info.btc@bentechchemical.com, info2.btc@bentechchemical.com,

Website: www.bentechchemical.com

