

## Technical - Information

# AVCO-FINISH DREAM

## ELASTOMERIC FINISHING PREPARATION

AVCO-FINISH DREAM is an elastomeric polymer preparation with a build in reactive functional end-groups. The polymer sticks to the textile fibres and is connecting them into a three dimensional elastomeric structure. AVCO-FINISH DREAM is designed to provide high grade softness along with stretchy finish and bounciness to textile fabrics.

AVCO-FINISH DREAM is highly recommended for elastomeric finishing of textile knits and enable the fabrics and garments recover to the original shape after stretching.

AVCO-FINISH DREAM produces very-soft, elastic and silky handle, which is very desirable by textile consumers.

### SPECIFICATION:

<b>Appearance</b>	Clear, colourless liquid.
<b>Chemical nature</b>	Aqueous emulsion of modified polymer.
<b>Ionic character</b>	Nonionic, becomes cationic in acidic medium.
<b>pH (as is)</b>	4.5 – 5.5
<b>Solubility</b>	Miscible with water at any proportion.
<b>Stability to hard water</b>	Good.
<b>Compatibility</b>	Incompatible with anionic products.
<b>Storage</b>	Stable for at least 1 year if properly stored. Do not store in direct sun. Sensitive to frost.

### PROPERTIES & USES:

1. AVCO-FINISH DREAM is a polymer emulsion which is covering the fibres surface, and imparts smooth and soft handle along with good elasticity and shape recovery of the finished fabrics.
2. AVCO-FINISH DREAM lowers pilling and abrasion of textile fabrics.
3. AVCO-FINISH DREAM improves the handle and the smoothness of fabrics finished with "wash and wear" resins.
4. AVCO-FINISH DREAM improves sew-ability of the treated fabrics.
5. Improves elastic recovery of knitted goods.
6. AVCO-FINISH DREAM imparts top grade softening effect to cotton and polyester cotton knits along with enhanced elasticity.

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7. AVCO-FINISH DREAM is used for imparting special drape, bounciness and elasticity to polyester and polyamide fabrics. Excellent results can be obtained with knits made from synthetic micro-fibres.
8. AVCO-FINISH DREAM is applied by padding. It is not recommended for application by exhaust procedures.

### ***APPLICATION:***

1. Before adding to the finishing bath, check the compatibility of the product with all the other ingredients.

Pre-dilute AVCO-FINISH DREAM with cold water before adding to finishing bath.

2. Following is the recommended dosage:

AVCO-FINISH DREAM      10 - 30 gr/l

3. For application by padding use the following procedure:
  - a. Add water.
  - b. Adjust pH to 5 - 6 with acetic acid.
  - c. Add AVCO-FINISH DREAM.
  - d. Add other finishing ingredients.
  - e. Pad and dry at 120 - 140°C.
4. When AVCO-FINISH DREAM is applied as a sole finish drying at 120 - 140°C for 1-2 minute is enough. When it is applied along with resins, cure for longer time as required for the resin.