

## AVCO-SOFT CSA 100

*CATIONIC SOFTENER EASY DISPERSIBLE IN WATER.*

AVCO-SOFT CSA 100 is a cationic softener which imparts a soft hand with high surface smoothness, can be applied for all kind of fabrics.

AVCO-SOFT CSA 100 give high soft and smooth for denim and washed garment.

### *SPECIFICATIONS:*

<b>Appearance</b>	Pastille.
<b>Chemical nature</b>	Fatty amide quaternary ammonium derivative.
<b>Ionic type</b>	Cationic
<b>Solubility</b>	Dispersible with water at any ratio
<b>pH (10% sol)</b>	3.5 ± 1
<b>Compatibility</b>	1. Can be applied with non-ionic or cationic products 2. Stable to hard water
<b>Storage</b>	Shelf life is at least 12 months

### *PROPERTIES & USES:*

1. AVCO-SOFT CSA 100 produces a soft, non-greasy handle on all fibres, mainly those made of cellulose and its blends.
2. AVCO-SOFT CSA 100 provides good anti-static effect to synthetics and to their blends.
3. Good napping and brushing aid.
4. AVCO-SOFT CSA 100 does not promote soiling.
5. AVCO-SOFT CSA 100 is regarded as a non-yellowing softener at drying temperature range of 110-160°C.
6. AVCO-SOFT CSA 100 can be applied together with silicone and polyethylene softeners.

*APPLICATION:*

AVCO-SOFT CSA 100 can be applied by padding or by exhaustion methods.

**A. Application by exhaustion:**

Adjust the pH to 5-5.5 with acetic acid. Add 0.2 – 0.6% AVCO-SOFT CSA 100

Run for 20-30 minutes at 35-40°C.

**B. Application by padding:**

Apply 30-60 g/l AVCO-SOFT CSA 100 (10%), depending on the pickup and the required hand.