

AVCO-SOFT CSNY

NON YELLOWING-HYDROPHILIC SOFTENER

AVCO-SOFT CSNY is a hydrophilic and non yellowing fabric softener, it imparts highly soft and smooth on the surface of the fabrics.

AVCO-SOFT CSNY is composed of biodegradable ingredients with no potential for bio-accumulation, and with no evolution of toxic compounds during biodegradation.

AVCO-SOFT CSNY exhibits instant cold water dispersibility so very easy for use.

SPECIFICATION:

Appearance	Opaque yellow liquid
Chemical nature	Derivative of alkyl amido hydroxyethyl quaternary
Ionicity	Cationic
pH (10% in water)	4.5 - 5.5
Solubility	Miscible with cold water at any ratio
Compatibility	1. Compatible with nonionic or cationic products 2. Stable with hard water
Storage	Stable for at least 12 months

PROPERTIES AND USE:

1. AVCO-SOFT CSNY imparts a soft, smooth handle on all kinds of fibers, especially for the textiles made of cellulose and its blends.
2. AVCO-SOFT CSNY gives hydrophilic property for treated fabric, can be used for finishing towels.
3. AVCO-SOFT CSNY does not increase soil release effect.
4. AVCO-SOFT CSNY is considered as non-yellowing softener at drying temperature range of 110-160°C.
5. AVCO-SOFT CSNY can be used together with silicone and polyethylene softeners.

APPLICATION:

AVCO-SOFT CSNY can be applied by padding or exhaustion.

A. Exhaustion:

3 - 6% AVCO-SOFT CSNY

Treat at pH 5-5.5 for 20-30 mins at 35-40°C.

B. Padding:

Use 30-60 g/l AVCO-SOFT CSNY, depending on pickup and the desired handle.

To improve the handle, use AVCO-SOFT CSNY together with silicone softener such as AVCO-ELASTOGUM HSP hay AVCO-ELASTOGUM SME (10 – 20 g/l).

Some of application:

1. Recipe for finishing towels:

AVCO-SOFT CSNY is a special softener for all textiles requiring high absorbency such as high quality towels and underwear.

AVCO-NANOFINISH HT: 0.4-0.5%

AVCO-SOFT CSNY: 1-1.5%

Temperature : 40°C

Time: 20 – 30 phút

pH : 4.5 – 5.5 (adjust by acetic acid)

2. Treatment of Cotton or Polyester fabrics and blends

Pad with 15-30 gr/l AVCO-SOFT CSNY followed by drying and calendering.

3. Finishing of poly-cotton bed sheeting.

Pad with the following recipe:

AVCO-SOFT CSNY 15 - 30 gr/l

AVCO-ELASTOSIL WNE7 5 - 10 gr/l