

AVCO-SOFT OZF

ANTI OZONE FADING SOFTENER FOR DENIM GARMENTS AND ARTICLES

AVCO-SOFT OZF is a cationic softener that is used to impart a soft handle to denim fabrics, and to protect indigo-dyed fabrics against ozone fading. Denim fabrics, treated with AVCO-SOFT OZF, will not fade or turn yellow on the back side when exposed to polluted air environment.

SPECIFICATIONS:

Appearance	Slightly cream to white liquid.
Chemicals nature	Aqueous dispersion of fatty acid condensate..
Ionic type	Cationic.
Density	App. 1.0 g/cc
pH (10% sol.)	5 - 6
Solubility	Miscible with water at any ratio to produce a white dispersion.
Compatibility	Is not compatible with anionic products.
Storage	Sensitive to frost. After freezing can be reused after thawing and agitating.

PROPERTIES & USES:

1. Imparts soft and natural handle to denim articles.
2. Protects indigo-dyed denim against ozone fading.
3. Can be applied by exhaust and by padding methods.
4. Liquid product, can be applied as it is or pre-diluted.

APPLICATION:

A. DENIM GARMENTS

Denim garments can be treated with AVCO-SOFT OZF in any kind of garment dyeing machines. For medium to dark shades apply 2-3% o.w.f., for light shades and for bleached denim apply 3-6% o.w.f.

Use the following procedure:

1. Adjust the pH to 5-6 with acetic acid (60%).
2. Add AVCO-SOFT OZF to the treatment bath.
3. Run for 15-30 minutes at 40 - 60°C.
4. Use common drying temperature and processes.

B. DENIM FABRICS

Application by padding process:

Use 30 - 60 g/l depending on the pick up. For light shades and for bleached denim increase the amount of AVCO-SOFT OZF.