

AVCO-ELASIL CO88

HYDROPHILIC SILICONE FOR COOLING EFFECT

AVCO-ELASIL CO88 is a hydrophilic silicone softener which imparts cooling effect when touching by hand, soft and smooth as desired to the treated fabrics

AVCO-ELASIL CO88 is a special softener for all kinds of high quality articles made from cellulosis fibres.

SPECIFICATION

Appearance	Clear or slightly semi opaque liquid
Chemical nature	Silicone emulsion
Ionic nature	Weak cationic
Solubility	Miscible with water at any ratio.
pH	5 ± 1
Compatibility	Can be used together with nonionic and cationic products.
Storage stability	Shelf life is at least 12 months.

PROPERTIES & USES:

1. Imparts highly soft and smooth handles.
2. Modified by special silicone, so the product has medium hydrophilicity and high cooling when touching.
3. AVCO-ELASIL CO88 improves the dimensional stability.
4. AVCO-ELASIL CO88 improves the sew-ability of the treated fabrics.
5. AVCO-ELASIL CO88 improves the anti-crease property of the treated fabrics.
6. Suitable for all kinds of fibres such as: viscose, cotton, and blends of viscose and cotton.
7. Non yellowing, even treated at high temperature.

APPLY:

AVCO-ELASIL CO88 is suitable to apply by padding method as well as exhaustion.

Typical recipes:

1. Exhaustion:

Add 2 – 4% of AVCO-ELASIL CO88 into finishing bath, pH: 5.5 – 6.5

Temperature : 30- 40⁰C

Time : 20 – 30 mins

2. Padding method:

Depending to the substrates and desired effect, the dosage is 30 – 60 g/l of AVCO-ELASIL CO88, adjust the pH 5.5 – 6.5.