

Technical – Information

AVCO-FIBER LUB CW

Lubricating Agent for Preparation

AVCO-FIBER LUB CW is a High Conc special lubricating agent which prevents creasing and reduces abrasion, chafing and other friction problems in the preparation (Scouring, boil bleaching), dyeing and post-processing. Can be applied to all kinds of textiles like cotton, acrylic knitting yarns and mixer with other fibres, to increase their surface smoothness and its work to reduce fibre-to-fibre and fibre-to-metal friction by forming a film on the surface.

AVCO-FIBER LUB CW can be used in resin finishing recipes in order to lower the losses in abrasion and tear strength as may occur in such processes. AVCO-FIBER LUB CW ensures highest performance level due to optimized emulsifying techniques for aqueous lubricants and excellent exhaustion properties.

ADVANTAGES:

- ✓ Is an excellent stitch lubricant for heavy and difficult fabrics.
- ✓ Imparts soft and full hand to treated fabrics.
- ✓ Improves the tear resistance and the extension.
- ✓ Nearly complete bath exhaustion when application conditions are observed.
- ✓ Lowers the decrease of fabric tensile strength when applied together with resins.
- ✓ Uniform distribution of the product through the cross - section of the bobbin.
- ✓ Can be used for finishing cotton, wool, polyacrylic and blends of these fibres.
- ✓ Is very good unwinding behavior of the yarn during subsequent processing.
- ✓ Confers less yellowing even at higher drying temperatures.
- ✓ Free of silicone.
- ✓ Improved weaving efficiency.

TECHNICAL ADVANTAGES

- ✓ Extremely thin & homogeneous coating of the yarn with performance lubricant
- ✓ Greatly reduced friction, abrasion & static charge
- ✓ Constant coefficients of friction in every speed range

OPERATIONAL ADVANTAGES

- ✓ Simplest handling
- ✓ No intermediate steps, directly after dyeing
- ✓ Little fibre fly & no deposits on the processing machines

PHYSICAL PROPERTIES

Appearance	Slightly viscous Clear liquid
Odor	Mild
Chemical character	Dispersion of long chain hydrocarbons and fatty ester derivatives.
pH (as supplied)	5.0 ~ 6.0
Ionic Activity	Nonionic
Specific Gravity	1.0 (approx.)
Solubility	Readily miscible cold water in all proportions

STABILITY IN

Stability to hard water	Good
Stability to acid	Good
Stability to Alkalies	Good

COMPATIBILITY WITH

Nonionic Substance	Good
Anionic Substance	Good
Cationic Substance	Good
Resins	Good

Application:**Application on yarns:****Application:**

AVCO-FIBER LUB CW should be pre-diluted with water before adding to the processing bath.

Dosage:

The exact quantity being depending upon:

- ✓ The sensitivity of the material
- ✓ The type of machinery
- ✓ The level of loading

Product Application:**Recommend Dosing:**

1. For 100% cotton or Viscose rayon knitted goods in a soft flow machine we recommend:

0.5 - 2.0 grams/liter **AVCO-FIBER LUB CW**

Where severe creasing occurs, we would recommend that AVCO-FIBER LUB CW is added to the preparation bath.

2. For polyester blends we would recommend

0.5 - 2.0 grams/liter **AVCO-FIBER LUB CW**

3. For poly/cotton, poly viscose, 100% cotton or viscose woven fabrics in soft flow or Jet we would recommend.

0.5- 2.0 grams/liter **AVCO-FIBER LUB CW**

We would recommend the AVCO-FIBER LUB CW is added to all baths.

1. Application by padding process:

Application Level	AVCO-FIBER LUB CW 20 ~ 50 g/l
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Can use with or without another softeners or elastomers.

Packing

AVCO-FIBER LUB CW is supplied in 120 / 200 kilo drums.

Storage

AVCO-FIBER LUB CW remains stable for at least 12 months when kept cool in a tightly closed container. The product should be stored on the range 5 - 30°C and protected from extremes of temperature. **PROTECT FROM FROST.**

Handling Precautions

The usual precautions in handling chemicals should be observed and it is recommended that operatives should wear goggles and gloves when handling the concentrated product. Any contact with skin and eyes should be washed immediately with copious amounts of cold water. Please refer to Health and Safety data sheet for further information.



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