

Technical Datasheet

Textile Chemicals

EBCASOFT MCW

EBCASOFT MCW IS AN AMINO-FUNCTIONAL SILICONE ELASTOMERIC CATIONIC MACRO EMULSION RECOMMENDED FOR THE PERMANENT FINISHING OF SYNTHETIC AND NATURAL FIBRES AND THEIR BLENDS.

Typical SPECIFICATIONS

Appearance	Milky white emulsion
Composition	Macro emulsion of amino functional silicone oil.
Ionic nature	Cationic ☒
Density	98 g/cm ³
PH	4 – 5
Solubility	Miscible with cold water in all proportions
Compatibility	Compatible with most finishing agent, however pre-trial is highly recommended
Active matter content	20 % ± 1

APPLICATIONS

(a) Precautions:

- 1- Start with clean mixing tank, delivery lines, pad box and rollers
- 2- Dilute the emulsion with cold water only.
- 3- Do not use a high shear stirrer when making finishing liquor
- 4- The pH must always be below 7 (preferably 5-6) in the pad bath to obtain max softness and help bath stability.
- 5- Be sure that the goods before finishing are rinsed thoroughly and adjust the alkaline fabrics to a weakly acid pH

(b) Application rate:

- EBCASOFT MCW is mainly applied by exhaust method although it is also suitable for padding processes.
 - It imparts specific surface smoothness for fabrics and garments which are fast to washing.
1. Exhaustion: 1 – 2 % (on weight of goods)
 2. Padding: 5 – 20 g/l
- To achieve maximum exhaustion the bath pH is adjusted to pH 5-5.5 at 40– 50°C for 15-20 minutes.

SPECIFIC PROPERTIES

EBCASOFT MCW provides a very pleasant surface smoothness
EBCASOFT MCW gives a very soft voluminous handle to the goods
EBCASOFT MCW improves crease recovery, tear and abrasion resistance
EBCASOFT MCW improves wash and wear properties.
EBCASOFT MCW improves sewability of knitted goods
EBCASOFT MCW is suitable deep colored dyed goods
EBCASOFT MCW improves stretch and shape recovery of knitted goods
EBCASOFT MCW has good bath stability even at high shearing forces
EBCASOFT MCW has excellent durability to washing and dry cleaning
EBCASOFT MCW has a good fastness to wash

PACKAGING

125, 140, 150 Kgs Plastic Drums or, 1000 Tank.

STORAGE

EBCASOFT MCW can be kept in the original sealed containers at temperatures between 5°C and 35°C for at least 10 months. Once containers have been opened, the contents should be used up quickly. Containers should be closed tightly after each use.

The Technical data ascertained by our quality control laboratory at the time of product release may vary according to the storage time and storage conditions and may deviate from the stated limits.

These suggestions and data based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

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