

EBCA CAR FH

Edition 04-2020

EBCA CAR FH IS A CARRIER FOR LOW TEMPERATURE DYEING OF POLYESTER AND THEIR BLENDS, PARTIAL STRIPPING OF OFF-SHADE DYEINGS.

Typical SPECIFICATIONS

Composition	HYDROCARBON SOLVENT
Ionic nature	Non ionic
pH	7-8
Appearance at 25 °C	Colorless to yellowish Brown
Density at 50°C	0.85kg/l
Stability	Stable to acids and alkalie.
Compatibility	Compatible with any other auxiliaries.

APPLICATIONS

CARRIER EMULSIFICATION:

EBCA CAR FH emulsifies well at any temperature, 1 part of EBCA CAR FH is added to 5-10 parts water. This emulsion is then added to the dye bath at temperature as required.

DYEING POLYESTER:

PRETREATMENT

-If it is considered necessary to scour material it should be treated for 15 to 20 Minutes at 70C in a bath containing:

0.5-1 gm/liter EBCA POL HM

And 1 gm/liter soda ash.

-The goods are then thoroughly rinsed. Because some disperse dyes are alkalis sensitive it is often advisable to give a final acid rins.

DYEING AT THE BOIL

-The goods are for 10 minutes at 70 °C in the bath containing carrier. The dispersed dye is added through a sieve and the pH adjusted to 4.5-5.5 with acetic. The temperature is raised to the boil in 40 minutes and dyeing continued at the boil for 45 to 90 minutes depending on the shade. When dyeing is complete, the goods are rinsed.

- To give a homogenous dyeing, we can use 0.5: 1 g/l EBCA SPERSE DIS

DYEING AT HIGH TEMPERATURE

- Normally carriers are considered unnecessary when dyeing at high temperatures but the addition of a small amount of EBCA CAR FH (about 1 gm/liter) will assist leveling and migration and enable better build up of slower diffusing dyes at lower temperatures in shorter time.

After treatment

- For many scads with most dyes a thorough rinse will result in good rubbing fastness. However, should a reduction clear be necessary the material may be treated for 20 minutes at 70C in a bath containing :-

1. g/liter caustic soda.

2. g/liter sodium caustic kydrosulphite.

-Although most of the carrier is removed by rinsing, full light fastness can be assured by heat treatment at 160C.

CARRIER QUANTITIES:

-For long liquor, e.g.30:1, 2-4 g/liter EBCA CAR FH is required depending on Depth of shade.

-For short liquor ratios, e.g. 10:1, 5-10 g/liter EBCA CAR FH are required

SPECIFIC PROPERTIES

EBCA CAR FH gives excellent color yield therefore very economical.

EBCA CAR FH gives clear bright shades.

EBCA CAR FH has low staining of wool when dyeing wool / polyester blends.

EBCA CAR FH has excellent yield

EBCA CAR FH has good leveling properties

EBCA CAR FH is easy to use

PACKAGING

125, 140, 150 Kgs plastic drums or, 1000 Tank.

STORAGE

Stable when stored at normal temperature conditions, shake very well before use for optimum results. When stored correctly, in closed original container EBCA CAR FH has a shelf life of up to 12 months.

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.

Egyptian British Company maintains Material Safety Data sheets (MSDS) on all of its products. These contain important information that you may need to protect your employees and customers against any known health and safety hazards associated with our products. We recommend you to obtain copies of MSDS for our products, from our technical representative, and obtain copies of MSDS from your suppliers of other raw materials used with our products.