

EBCA CAR HC

Edition 04-2020

EBCA CAR HC CARRIER FOR THE DYEING OF YARNS AND FABRICS MADE FROM POLYESTER AND THEIR BLENDS AT LOW TEMPERATURE.

Typical SPECIFICATIONS

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

APPLICATIONS

CARRIER EMULSIFICATION:

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

DYEING POLYESTER AT ATMOSPHERIC BOIL:

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

-1.0-2.0 g/l EBCAPOL HM.

-1.0 g/l soda ash.

-The goods are then rinsed, because some disperse dyes are Alkali-sensitive it is often advisable to give a further final acid rinse

-The scoured goods are run for 15 minutes in a bath set at 65-70 °C with 2.0-3.0 g/l EBCASPERSE DIS.

X g/l acetic acid to pH 4.5-5.0.

Y % o.w.g. sieved dye.

Z g/l EBCA CAR HC

-The temperature is then raised to the boil and dyeing continued for 1-2 hrs depending on shade.

-A more economical method of preparing and dyeing polyester fibers is to employ combined scouring/dyeing assistant. The bath is set at 40-50 degC with 0.5-1.0 g/l of EBCAPOL NP and the pH adjusted to 5.0-6.0 with acetic acid. The temperature is raised to 70 degC in 15 minutes and maintained at this temperature for a further 15 minutes. The dye is then added, followed 10 minutes later by the carrier. Dyeing then proceeds in the normal manner

SPECIFIC PROPERTIES

EBCA CAR HC gives excellent color yield therefore very economical.

EBCA CAR HC gives clear bright shades.

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

EBCA CAR HC has excellent yield

EBCA CAR HC has good leveling properties

EBCA CAR HC is easy to use

PACKAGING

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

STORAGE

EBCA CAR HC is stable when stored at normal temperature conditions, shake very well before use for optimum results. When stored correctly, in closed original container EBCA CAR HC 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.