

Evoran series

Evoran RC-ACD

Reduction clearing agent after polyester dyeing in acidic medium.

INTRODUCTION

The redox potential which forms in the presence of caustic soda is sufficient to destroy most disperse dyes but not adequate to attack vat, naphthol and many reactive and direct dyes. After polyester dyeing, conventional reduction clearing is done with hydrosol and caustic in alkaline medium. However, this requires draining of bath. In order to save time, energy & water, Stalwart has developed **Evoran RC-ACD**.

Evoran RC-ACD has a high dispersing power at all temperatures and its reducing action is developed in acidic medium above 90°C so that unfixed disperse dye on the fiber surface is destroyed and the degraded products are finely dispersed in the washing liquor, thus preventing staining of the ground.

FEATURES

- No foaming.
- Possess excellent thermal stability.
- No draining required.
- Promotes removal of unfixed dyes.
- No influence on shade/color.
- Saves water, time and energy.

PROPERTIES

Appearance	Colourless clear liquid
pH (1%)	approx.9.0

Compatibility with	
Cationic	Good
Anionic	Good
Non-ionic	Good

Stability to	
hard water	Good
electrolyte	Good
temperature	Good

STALWART ADVANCE MATERIAL INDS

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email: sales@stalwartadvance.com; web: www.stalwartadvance.com; Customer care:1800 121 3497

SCOPE OF APPLICATION:

1. Reduction clearing of dyeing on PES

1.1 Discontinuous method

1.5 – 1%
1 - 3 g/l

After dyeing
Set the clearing bath at 50°C with
Neutracid AAS for pH 4.0-4.5
Evoran RC-ACD
Heat to 80°C - 90°C and
Treat for 20 – 30 mins at 80°C - 90°C
Reduce temperature to 50°C
Warm wash at 40°C - 50°C
Rinse cold.

1.2 Continuous method

1 – 2 %
2 – 6 g/l

Treat at 80°C with
Neutracid AAS for pH 4.0-4.5
Evoran RC-ACD
Rinse cold.

STORAGE AND HANDLING

Precautions for safe handling	Do not eat, drink or smoke while handling the product.
Conditions for safe storage	Store in a cool, dry & ventilated area away from the sources of heat.
Shelf Life	6 months.

Note: Kindly refer SDS for further information on Storage & Handling.

Evoran is a registered trade name of Stalwart Advance Material Inds.

The information and recommendations presented here were based on our general experience and correspond to the state of our knowledge. They are intended to service as non-binding guidelines and must be adapted to the prevailing conditions. We cannot accept liability for any injury, loss or damage resulting from reliance upon such information.

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