

CIZOPAN RX

- ◆ Excellent levelling agent for dyeing with reactive dyes on cellulosic fibres
- ◆ Controls the exhaustion and distribution of reactive dyes during the absorption phase
- ◆ Ensures uniform fixation of dyes during alkali addition in dye machine.
- ◆ Sequesters alkaline-earth salts and found in the dyebath.
- ◆ Improves dyeing reproducibility
- ◆ Due to its levelling effect, dyes of approximately equal reactivity can be mixed.

Properties

Appearance	:	Pale brown liquid with faint ammonia odour
Chemical character	:	Aromatic polyether sulfate
Ionic character	:	Anionic
Density at 20°C	:	1.18 at 28°C
Storage stability	:	good between- 10 and 50°C
pH of commercial product	:	Approx. 8
Dilutability	:	Easily diluted with cold or warm water

Stability to

- ◆ Salts : Good
- ◆ Acids : Good
- ◆ Alkalies : Good
- ◆ Hard water : Good

Compatibility with

- ◆ Anionic products : Good
- ◆ Nonionic products : Good
- ◆ Cationic products : May cause precipitation

Note : Suggestions and data given are reliable to the best of our knowledge. They are intended to advise you and are offered in good faith but without assuming any responsibility whatsoever for results obtained by the use of our products

Mode of action

a) Introduction

Use of Cizopan RX, simplifies the process and shortens dyeing time:

- Add the electrolyte before dye
- Add alkali gradually with a dispensing system in less than 30 minutes

b) Due to its dispersing action, Cizopan RX controls the adsorption of the reactive dyes and improves their migration power.

Therefore electrolyte can be safely introduced before the dyes, simplifying the process.

c) The presence of Cizopan RX in the dyebath allows controlled pH change during the alkali addition. A regular dye fixation is obtained guaranteeing levelness of dyeing.

Application

Cizopan RX can be dissolved in cold or warm water easily. The solution obtained can be added directly to the dyeliquor. The application amount is practically independent of the dye concentration. We recommend the addition of 1-2g/l Cizopan RX

Increasing the application amount from 1to 2 g/l Cizopan RX is only justified in case of difficult dyeing conditions such as :

- ◆ Substrates which are difficult for level dyeing
- ◆ liquor ratio lower than 10 :1
- ◆ Imprecise alkali metering

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