

COREOXIDE 4 DYE

Page: 1/3

Function:	Combined bleaching agent for continue/discontinue processes
Chemical Character:	Combination of hydrogen peroxide, and bleaching auxiliary agents.
pH value (%10 solubility):	5,0 – 7,0
Specifit Weight (at 20 °C):	Approx. 1.16 g/cm
Appearance:	Colorless Liquid.

STABILITIES

COREOXIDE 4 DYE

-Product should be stored away from bases and heat. It should be stored at room temperature.

STORAGE LIFE

COREOXIDE 4 DYE

-Storage life in suitable conditions is 6 months.

PROPERTIES

COREOXIDE 4 DYE

- Combined bleaching agent, used for cotton and mixtures of cotton fibers
- Prevents weight loss of fabric during bleaching process.
- Doesn't cause fabric damage during continues and discontinues bleaching process.
- Including concentrated peroxide therefore it is not need to use peroxide at bleaching process.
- Prevents fast reaction peroxide and NaOH so it prevents fabric damages in bleaching process.
- Prevents peroxide loss during storage.
- Prevents metal contamination of peroxide during storage.
- It doesn't contain APEO, totally ecological.
- It has high storage stability and storage process.
- Suitable for automation
- It has GOTS certification.
- It is a patented product.

COREOXIDE 4 DYE

APPLICATION TECHNIQUES

COREOXIDE 4 DYE

Dilution Instructions

COREOXIDE 4 DYE can be diluted with water in any ratio.

Application Instructions

Used in Viscose dye/print and optical bleaching processes for cotton and mixtures. It has been developed for bleaching discontinue processes for yarn woven and knitted fabrics. Especially recommended for high hydrophility and oil remover processes.

Jet Dyes and Print Bleaching Process:

% 2.0-3.0 NaOH 48 Be

% 2.0-3.0 **COREOXIDE 4 DYE**

90-130 C 30-60 minutes

Liquor: 1:6-1:10

Hot and cold rinses

Optical Bleaching Process:

% 3.0-5.0 NaOH 48 Bé

% 2.0-8.0 **COREOXIDE 4 DYE**

90-130 C 30-60 minutes Liquor:

1:6-1:10

Hot and cold rinses

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APPLICATION TECHNIQUES

COREOXIDE 4 DYE

Application Proposals

Ürünler	Pad-Steam	Pad-Batch	Pad-Roll
DEAIRO FDU ml/L		0,5 - 2,0	
NaOH 48 Be ml/L	10 - 40	20 - 50	10 - 20
COREOXIDE 4 DYE ml/L	20 - 60	30 - 80	10 - 40
Pick Up %	100	100	100
Process Temperature	20 - 40 C	20 - 40 C	20 - 40 C
Standby Temperature	102 C	operating conditions	90 - 98 C
Standby Time	4 - 20 min	12 - 24 hour	20 - 120 min

FE VE CA BINDING CAPACITIES

HAMPSHIRE METHOD

	Fe ⁺⁺⁺ Binding	Ca ⁺⁺ Binding
COREOXIDE 4 DYE	240 mg/g	40 mg/g

***The amount of Coreoxide 4 DYE used for total ion binding values is multiplied by the above values.**

- Information about safety properties can be found in MSDS (Material Safety Data Sheet)
- The right of the product and to make change in its prospect is concealed by us.
- MKS DevO R&D laboratories can provide more info on application techniques of the product.