



Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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PRODUCT LITERATURE

SARAWHITE-CR

Product Information

Sarawhite-CR is an optical brightening agent for Acrylic fibres. It imparts good whiteness with bluish white to bluish tone on the treated substrate. It shows excellent whiteness in exhaust process. Sarawhite-CR shows good light fastness.

Key Features & Benefits

Key Features

Benefits

Good stability

Stable to chlorite and acids

Bluish white tone

Good whiteness can be obtained

General Characteristics

Physical appearance : Yellow liquid

Ionic nature : Cationic

pH of 1% solution : 4 +/- 1

Miscibility : Miscibile with water

Compatibility : Compatible with cationic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

Application

Pad-Steam process

Exhaust process

Dosage : 5-10 g/l

Dosage : 0.5-1.0%

Pick-up : 65-70 %

Bath pH : 3.0-4.0

Bath pH : 3.0-4.0

Bath Temp. : 95-100 deg.C

Steaming : 100-105 deg.C

Time : 30-40 mins.

: 10-30 mins.

STABILITY & FASTNESS PROPERTIES

Stability to

Remarks

Peroxide bleach

Stable

Reduction bleach

Stable

Chlorite bleach

Stable



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Chlorine bleach	Stable
Hard water, ppm (Ca)	Stable
pH	< 6.5
Hydrosulphite	Stable
Compatibility with softeners	Compatible

Fastness properties	Methods	Rating
Light fastness	ISO 105-B02	4-5
Wash fastness, 60 deg.C	ISO 105-C06 C1	5
Wash fastness, 90 deg.C	ISO 105-C06 E1	5
Dry heat fixation, 180 deg.C	ISO 105-P01	4-5
Dry heat fixation, 210 deg.C	ISO 105-P01	4-5
Perspiration, acidic	ISO 105-E04	5
Perspiration, alkaline	ISO 105-E04	5
Dry cleaning (perchloroethylene)	ISO 105-D01	4-5
Sublimation	ISO 105-P01	4-5
Chlorine bleach	---	4-5
Chlorite bleach	---	4-5

Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight.Storage temperature should not exceed 35 deg C.Close lids firmly to avoid contact with air and moisture.

Shelf Life : 8 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]
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