



Sarex Chemicals

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

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PRODUCT LITERATURE

TEXWHITE-SFN.

Product Information

Texwhite-SFN. is fluorescent whitening agent with bluish violet tone for polyester and polyester blends at all stages of processing. It is suitable for continuous and exhaust processes. Texwhite-SFN. is a very economical and even small application can produce a brilliant white effect of a very high standard.

Key Features & Benefits

Key Features

Medium to high affinity & wide pH range application

Fabric texture not affected

Excellent build-up

Good stability to alkali, peroxide and electrolyte and also to reducing agents

Benefits

Suitable for continuous processes
Outstanding leveling properties in exhaust processes
Stable to wide pH (3-9)

Low temperature curing

Very high and brilliant white maximum in continuous and exhaust applications

Stable in hydrogen peroxide and sodium hypochlorite bleaching liquors and also in reductive bleaching liquors

General Characteristics

Physical appearance : Greyish liquid

Ionic nature : Nonionic

pH of 1% solution : 6 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with anionic, cationic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

Application

Padding process:



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Dosage : 1-5 g/l (depending on substrate quality)
Pick-up : 65-70%
Bath pH : 5.0-6.0
Thermofix : 170-210 deg.C, 45-60 secs.

Exhaust process:

Dosage : 0.1-0.5% (depending on substrate quality)
Bath pH : 5.0-6.0
Bath Temp.: 95-130 deg.C
Time : 20-30 mins.

STABILITY & FASTNESS PROPERTIES:

Stability to:

Remarks

Peroxide bleach : Stable
Reduction bleach : Stable
Chlorite bleach : Unstable
Hard water : Good

Fastness properties

Methods

change in degree of whiteness

Light fastness : ISO 105-B02 : 5 - 6
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 : 5
Dry heat fixation, 210 deg.C : ISO 105-P01 : 5
Perspiration, acidic : ISO 105-E04 : 5
Perspiration, alkaline : ISO 105-E04 : 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.



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