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PRODUCT LITERATURE

SARAWHITE-PC

Product Information

Sarawhite-PC is a fluorescent whitening agent which imparts reddish tone on polyamide, wool, silk and their blends. It can be applied by exhaust and continuous processes. It is appropriate for reductive discontinuous bleaching. It is suitable for incorporation in print paste for white discharges.

Key Features & Benefits

Excellent build-up

Key Features Benefits

Medium to high Appropriate for exhaust process affinity with excellent wash fastness

Very high bath exhaustion Low waste water pollution Very high and brilliant white

Good stability to alkali, For discontinuous bleaching with peroxide and electrolyte hydrogen peroxide

Very good stability For reductive discontinuous to

reducing agents bleaching

Suitable for incorporation in print

pastes for white discharges

General Characteristics

Physical appearance : Dark yellow liquid

Ionic nature : Anionic pH of 1% solution : 8 +/-1

Miscibility : Miscible with water

Compatibility : Compatible with anionic and nonionic

products

: Stable to dilute acids and unstable Stability

to dilute alkalies

Application

1. Exhaust Process:

Dosage : 1.8-2.2%



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Bath pH : 4.5-5.0

Bath Temp.: 100-110 deg.C

Time : 30 mins.

Sarawhite-PC is suitable from neutral and slightly alkaline baths without or particulary for regenerated cellulosing fibres with addition of electrolyte, preferably in combination with the reduction or alkaline peroxide bleach. It is not suitale in pack systems without forced liquor flow.

2. Continuous Process:

Dosage : 18-22 g/l Pick-up : 4.5-5.0 Bath pH : 65-70%

Bath pH : 65-70% Drying : 130 deg.C

Sarawhite-PC is suitable for Peroxide continuous bleach and wash-whitening process.

STABILITY & FASTNESS PROPERTIES:

Stability to:
Remarks
Reduction bleach Stable (hydro sulphite based)
Chlorite bleach Unstable Hard water Stable > 5

Fastness properties	Methods	Change in degree of whiteness
Light fastness Wash fastness, 60 deg.C Dry heat fixation, 180 deg.C Perspiration, acidic Perspiration, alkaline Dry cleaning Chlorite bleach	ISO 105-B02 ISO 105-C06 C1 ISO 105-P01 ISO 105-E04 ISO 105-E04	3 (PA), 2 (W/S) 4 (PA), 5 (W/S) 5 (PA) 4-5 (PA), 4-5 (W/S) 4-5 (PA), 4-5 (W/S) 5

Note:

PA: Polyamide, W/S: wool/silk



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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 : 9 months from the date of manufacturing, if

stored under controlled conditions.

[The above information is given in good faith and is without warranty] [Prod.Code :PY561 | Last Upd. On : 17/05/19] [MOLL]

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