



Sarex Chemicals

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

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218 Fax +91 22 42184350

Email tomktg@sarex.com URL www.sarex.com

PRODUCT LITERATURE

TEXWHITE-A

Product Information

Texwhite-A is an optical brightening agent for polyester and polyester blends. Texwhite-A is suitable for application at low temperature by exhaust method. It can also be applied by padding method. Substrate treated with Texwhite-A offers neutral white tone and good light fastness.

Key Features & Benefits

Key Features

Applicable at low temperature

Good stability to alkali, peroxide, electrolyte and reducing agents

Versatile

Benefits

Energy saving

Applicable with hydrogen peroxide or reductive bleaching

Can be applied by exhaust and pad application
Also compatible with finishing agents

General Characteristics

Physical appearance : Greenish yellow liquid

Ionic nature : Nonionic

pH of 1% solution : 5 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with anionic, cationic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

Application

Padding process

Texwhite-A : 4-8 g/l

Saracid-RS : 2-3 g/l

Saraline-FI : 3-5 g/l

Pick-up : 65-70 %



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Bath pH : 4.5-5.5
Thermofix : 170-210 deg.C, 45-60 secs.

Exhaust process

Texwhite-A : 0.4-0.8%
Saragen-DAM : 0.5-1 % (optional)
Saracid-RS : 0.5-1 %

Bath pH : 4.5-5.5
Bath Temp. : 95-130 deg.C,
Time : 20-30 mins.

Note:

- 1. Texwhite-A may tend to settle down on prolonged storage. In such a case, simple stirring is recommended before use.
2. Texwhite-A can also be added during finishing of polyester and polyester blends alongwith other finishing chemicals.

STABILITY & FASTNESS PROPERTIES:

| Stability to: | Remarks |
|--|---------|
| Peroxide bleach | Stable |
| Reduction bleach (hydro sulphite based) | Stable |
| Chlorite bleach | Stable |
| Hard water | Good |

| Fastness properties | Methods | Change in degree of whiteness |
|------------------------------|----------------|-------------------------------|
| Light fastness | ISO 105-B02 | 7 |
| 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 | 3 - 4 |
| Perspiration, acidic | ISO 105-E04 | 5 |
| Perspiration, alkaline | ISO 105-E04 | 5 |



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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]
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