



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 : tcmktg@sarex.com URL www.sarex.com

PRODUCT LITERATURE

RUBFAST-425

Product Information

Rubfast-425 is a speciality finishing agent to improve dry and wet rub fastness for all types of dyed and printed cotton and their blends. Rubfast-425 is effective for dyed and printed emerised dark shades. Rubfast-425 is compatible with certain cationic and nonionic silicone finishing agents. Rubfast-425 can be applied by both dry-on-wet and wet-on-wet application.

Key Features & Benefits

Key Features

Excellent improvement
in wet rub fastness
by padding

Formaldehyde Free

No adverse effect

Benefits

Improves by 1.5-2.0 units on direct
reactive, sulphur, indigo and pigment
dyed fabrics

Suitable for Oekotex and baby wear

Does not affect the washing fastness
and original handle of fabric

General Characteristics

Physical appearance : Yellow to reddish orange liquid

Ionic nature : Cationic

pH of 1% solution : 4 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with cationic and nonionic
products

Stability : Stable to dilute acids and unstable to
dilute alkalies

Application

Padding process

Dosage : 20-30 g/l

Pick-up : 65-70%

Bath pH : 5.0-5.5

Drying : 130-160 deg.C

Exhaust process

Dosage : 2-3%

Bath pH : 5.0-5.5

Bath Temp. : 40 deg.C, 30 mins

Drying : 110-150 deg.C



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* Exhaust process is suitable only for Package dyeing and Garment drum m/c.

* 70-100 g/l Rubfast-425 is recommended for wet-on-wet application.

Note:

Drying at 145-150 deg.C 90 sec. gives better results than 130-140 deg.C

For garments, it is essential to cure at 150 deg.C after exhaustion.

Rubfast-425 has limited durability to washing.

Special Instructions:

- Fabric to be treated should be free from anionic components.
- Performance of Rubfast-425 is achieved when it is used alone without any finishing agent as with some finishing agents, the performance of Rubfast-425 slightly impairs.
- Do not use Rubfast-425 in print paste.
- Pre-lab trials are recommended with other finishing agents.
- Absorbency of fabric should be instant. To improve absorbency of all over printed fabric (reactive/pigment), 0.2-0.5 g/l Celldet-R (wetting agent) is to be added in the finishing bath.
- pH of the fabric should be neutral.
- First, pH of water to be adjusted to 5.0-6.0 and then final pH with Rubfast-425 should be 5.0-6.0. This solution is stable upto 2 hours. If any precipitation is observed, stir using mechanical stirrer with low speed.
- To avoid precipitation formation, Rubfast-425 (in neat form) to be mixed with 10 g/l Isopropanol and then diluted with pre-adjusted pH water.



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- If finishing is to be done alongwith softener, then first prepare Rubfast-425 solution and then add the softener into it.
- If fabric is biopoished than the Rubfast-425 gives lower rating than nonbiopolished fabric.
- Use of softener is likely to reduce the performance of Rubfast-425.
- Finished fabric to be dried only at 150 deg.C in stenter with minimum time.
- Rubfast-425 is unstable to sodium citrate and exhibit limited stability to electrolytes.
- Addition of 2-3g/l Saraline-FI makes the Rubfast-425 solution robust (stable).
- Rubfast-425 on standing during storage may become dark (reddish orange in colour)

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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