



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

NATRIUM-FF

Product Information

Natrium-FF is a formaldehyde-free cross-linking agent for easy care finish to cellulosic and its blends. It does not affect handle. Very good DP rating due to balance of wet and dry crease recovery angle. Strength loss is lower than conventional resin. It also has excellent antipilling properties to cotton/viscose, P/V blended fabrics. It can be applied at wide temperature range.

Key Features & Benefits

Key Features

Formaldehyde-free
crosslinking agent

Very good stability
to chlorine

Good DP rating and durable
to washing and dry cleaning

Benefits

Meets Oekotex Standard 100
requirement

Presence of Chlorine in water
does not affect DP rating

Good wet and dry crease recovery
angle

General Characteristics

Physical appearance : Colourless yellow liquid
Ionic nature : Non-ionic
pH of 1% solution : 5 +/- 1
Miscibility : Readily miscible with water
Compatibility : Compatible with cationic, anionic and
non-ionic products
Stability : Stable to dilute acids & dilute alkalies

Application

1. Finishing of 100% cotton shirting:
60-140 g/l Natrium-FF
5-10 g/l Macrosoft-W
15-20 g/l Megatouch
10-20 g/l Saralube-2975
20-45 g/l Booster NF (Catalyst)
0.5-0.7 g/l Celldet-R/Saraclean-M



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pad with 60-70% pick-up, curing conditions are mentioned below

2. Finishing of Knits, P/V and P/C blend fabrics:

- 40-80 g/l Natrium-FF
- 10-20 g/l Sarasoft-1371
- 5-10 g/l Sarasoft-1367
- 10-20 g/l Saralube-2975
- 15-25 g/l Booster-NF (Catalyst)
- 0.5-0.7 g/l Celldet-R/Saraclean-M

pad with 60-70% pick-up, curing conditions are mentioned below

3. Garment Dip Process:

- 10-12% Natrium FF
- 3-4% Booster-NF (Catalyst)
- 0.5-0.7% Celldet-R / Saraclean-M
- 2-3% Saralube-2975
- 2-4% Sarasoft-1367

M:L=1:10 treat for 20 minutes at 30-40 deg.C

Spin drying - 60% residual humidity

Tumble drying-approximately 10% residual humidity

Steaming-pressing-curing : cure for 10-15 minutes at 155 deg.C (depending on the fabric quality)

* CURING CONDITIONS:

- 4 minutes at 130-140 deg.C
- 2 minutes at 150 deg.C
- 1-2 minutes at 160 deg.C
- 30 seconds at 170 deg.C

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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