



MIRACHEM INDUSTRIES

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TURBOSOFT - 250

Turbosoft - 250 is a concentrated Amino functional polysiloxane in the form of a micro emulsion for imparting permanent softening effects on all types of fibres with reasonably good hydrophilicity and is low yellowing.

- Imparts an extremely soft, flowing handle to the goods.
- Is suitable for pad and exhaust application
- Improves as an addition to resin finishing liquors, the technological properties of the goods (Crease behavior, tear and abrasion resistance and wash and wear effects)
- Improves sewability of the finished goods
- Increases the elasticity and stretch recovery of knit goods.
- Low yellowing with improved hydrophilicity

Properties:

Appearance	:	Colourless viscous liquid
Chemical Nature	:	Micro Polysiloxane
Ionic Nature	:	Nonionic
Solubility	:	Soluble in cold water
pH (2% solution)	:	4.0 – 5.0
Stability	:	Resist to Hard Water
Compatibility	:	Compatible practically with all products used in finishing
Storage Stability	:	Stable for 3 months when stored in a cool and dry place (Not sensitive to frost)

Method of Application:

Prepare a stock solution of 20% **Turbosoft - 250** using soft water before application.

For Cotton Fabrics (Pad-dry-cure Technique)

Mirapret - Eco	→	80 - 100 gpl
Mgcl ₂ 6H ₂ O	→	3 - 5 gpl
Turbosoft - 250 (20 %)	→	15 - 25 gpl
Miragin - V	→	25 - 40 gpl

For P/C and P/V blended fabrics

Turbosoft - 250 (20%)	→	15 - 25 gpl
Acetic acid	→	0.75 - 1.0 gpl



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For 100 % Cotton Shirting (For increased DPR)
(Pad-dry-cure @ 150° C for 4.0 minutes)

Mirapret - Eco	→ 90 - 120 gpl
Mgcl ₂ 6H ₂ O	→ 2.5 - 3.0 gpl
Bacofinish - PES	→ 25 - 35 gpl
Silky Peach - 30	→ 10 - 15 gpl
Turbosoft - 250 (20 %)	→ 10 - 12 gpl
Turbosoft - HPS	→ 15 - 20 gpl
Emset - A	→ 25 - 30 gpl
Miragin - SIN	→ 40 - 50 gpl

For silk and its blended fabrics

Turbosoft - 250 (20 %)	→ 15 - 30 gpl
Acetic acid	→ 0.5 - 1.0 gpl

General safety instructions

The usual hygiene and safety rules for handling chemicals should be observed in storage, handling and use. The product should not be swallowed. For further information, please consult existing safety data sheet.

Note :

The data contained in this communication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. Responsibility for compliance with the requirements of the downstream textile market rests with the textile processor.