



MIRACHEM INDUSTRIES

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BACOFINISH – PES

Bacofinish – PES is a thermo reactive nonionic softener specifically formulated as an additive to the resin bath for improving tear and abrasion resistance of the resin treated fabrics.

- Produces a wash fast, very full and extremely soft handle
- Can be used as a pure finish, but is particularly effective in combination with resin finishes.
- Treated fabrics have the following features:
 - Improved stitching performance
 - Reduced needle cutting resulting in higher seam strength,
 - Improved tear strength
 - Smooth and non-greasy handle.
- Treated yarns exhibit good lubricity resulting in easier subsequent processing and lower breakages.
- Does not impair the degree of whiteness of optically brightened goods and has only a slight effect on the shade of dyed goods
- Improves the crease recovery angle and “wash and wear” behavior in combination with cross linking agents for cellulosic fibres
- Is formaldehyde-free.

Properties:

Appearance	: Off white liquid
Chemical Nature	: Emulsified polyethylene
Ionic Nature	: Nonionic
Solubility	: Dispersible
pH (2% solution)	: 7.0 ± 1.0
Stability	: Resist to hard water
Compatibility	: Compatible practically with all products used in finishing
Suitability for white goods:	Good

Influence on dyed goods

— Shade	: Slight shift of shade possible
— Fastness properties	: Virtually no influence
Storage Stability	: Stable for 6 months if stored in a cool & dry place (Not sensitive to frost)



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Method of Application:

Bacofinish – PES is generally incorporated in all resin finishing baths for obtaining the different finishes such as wash and wear finish on cotton suiting and superfine fabrics, antcrease and water-repellent finish, and special glazing and embossing effect with wash and wear characteristics.

The general concentration to be used varies from 20 – 40 gpl, depending upon the type of fabric and the type of finish desired.

Bacofinish – PES can be used at the concentration of 30.0 – 40.0 gpl to impart a soft handle to the cellulosic, synthetic and the blended fabrics along with other finishing ingredients.

Bacofinish – PES can also used at a concentration of about 15.0 – 25.0 gpl as a yarn lubricant and for finishing of knit goods.

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.