

BASF COLOR FAST FINISH – A UNIVERSALLY APPLICABLE PROCESS

Outstanding benefits

- One-step process for textile dyeing and finishing: impregnation, drying and curing in a single step
- Universally applicable: to most fabrics made of natural and synthetic fibers and their blends
- Suitable for producing light and medium depths of shade
- Excellent levelness
- High fastness ratings
- Soft, smooth handle with uniform coloration
- Excellent reproducibility

Products for the BASF Color Fast Finish*

- Binder system
- Anti-migrant
- Wetting agent/bath emulsification agent
- Anti-deposition and anti-foam
- Additives: Softeners
- Pigment preparation
- Crosslinker (if easy care effects are required)
- Catalyst for crosslinker (salt)

*Specific products available for the respective regions. Please contact our regional experts for more information.

APPLICATIONS

- Woven and bulky fabrics
- Bed and table linen
- Clothing, lining, interlining and furnishing fabrics
- Leisure wear
- Knitwear
- Bathing and camping fabrics
- Technical textiles



Consumer Safety
Resource Saving
Climate Protection

COLOR FAST FINISH

Global

BASF South East Asia Pte. Ltd.
Global Marketing Textile Chemicals
Singapore
Phone: +65 6430 9838
Fax: +65 6430 9834
e-mail: putting-future-into-textiles@basf.com

Asia

BASF (China) Company Limited
Textile Chemicals East Asia
Shanghai – China
Phone: +86 21 3865 5058/ 2307/ 5050
Fax: +86 21 3865 5024
e-mail: info.textile-chemicals-eastasia@basf.com

BASF India Ltd.
Textile Chemicals India
Thane - India
Phone: +91 22 67917400
Fax: +91 22 67917230
e-mail: texcom-in@basf.com

BASF Pakistan (Private) Ltd.
Textile Chemicals Pakistan
Karachi - Pakistan
Phone: +92 21 111 550 550
Fax: +92 21 452 4314
e-mail: putting-future-into-textiles@basf.com

BASF Bangladesh Limited
Textile Chemicals Bangladesh
Dhaka – Bangladesh
Phone: +880 2 934 8374 / 8375 / 8376
Fax: +880 2 8313599
e-mail: putting-future-into-textiles@basf.com

PT BASF Indonesia
Textile Chemicals ASEAN
Jakarta – Indonesia
Phone: +62 21 526 2481
Fax: +62 21 526 2543
e-mail: putting-future-into-textiles@basf.com

Europe

BASF SE
Textile Chemicals Europe
Ludwigshafen - Germany
Phone: +49 621 60 49214
Fax: +49 621 60 93806
e-mail: info.textile-chemicals@basf.com

Eastern Europe, Africa, West Asia

BASF Türk Kimya San. Ve Tic. Ltd. Sti.
Textile Chemicals Turkey, Eastern Europe, Africa, West Asia
Istanbul – Turkey
Phone: +90 212 334 3490
Fax: +90 212 334 3459
e-mail: textile-tr@basf.com

Americas

BASF Corporation
Textile Chemicals Americas
Charlotte – USA
Phone: +1 800 545 4931
Fax: +1 704 394 8336
e-mail: putting-future-into-textiles@basf.com

BASF S.A.
Textile Chemicals Americas
São Paulo – Brazil
Phone: +55 11 3043 3085
Fax: +55 11 3043 3232
e-mail: putting-future-into-textiles@basf.com

Internet: www.basf.com/textile

Note: The data contained in this publication 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.

EVX/T 06/09 June 2009

Faster, easier and more energy-saving:
**TEXTILE DYEING AND FINISHING
IN ONE-STEP!**

BASF Color Fast Finish –
Putting *FUTURE into Textiles.

www.basf.com/textile



Consumer Safety
Resource Saving
Climate Protection



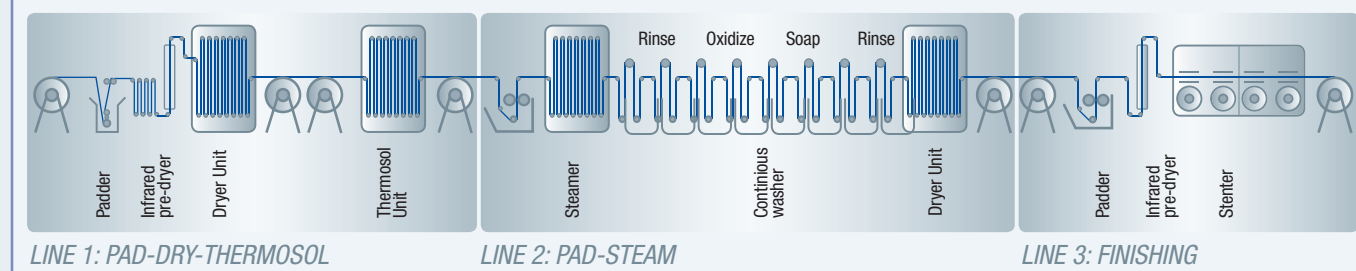
BASF
The Chemical Company

BASF COLOR FAST FINISH – A HIGHLY ECONOMIC PROCESS

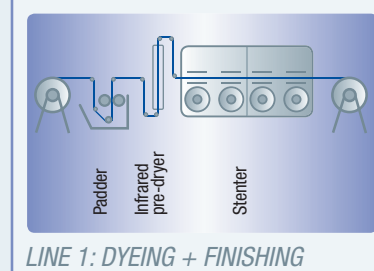
Faster process – textile dyeing and finishing in one step

BASF Color Fast Finish is a one-step-process of dyeing and finishing, which enables you to do impregnation, drying and curing in a single step. In the conventional method of dyeing PES/cotton blend*, polyester (PES) and cotton have to be dyed separately before going to finishing. Now, with BASF Color Fast Finish, this can all be done in one step.

CONVENTIONAL METHOD:



BASF COLOR FAST FINISH:



COST AND TIME SAVING

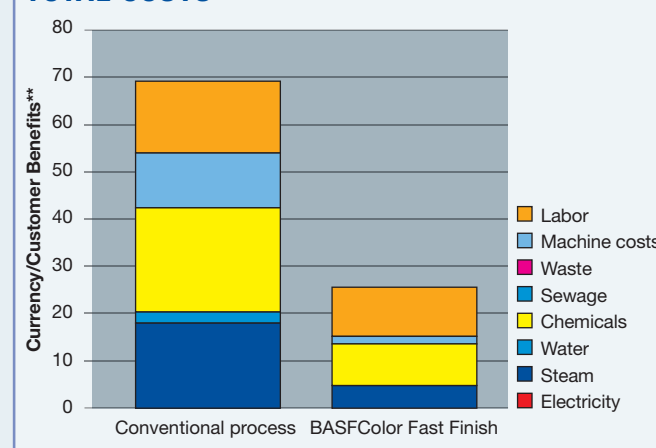
Faster process – cost saving

The innovative BASF Color Fast Finish process is much faster than the conventional procedure. It will save time and energy – which allows you to reduce the overall process costs:

- less energy
- less equipment needed
- reduced staff costs

* For PES content below 30% and for light and medium shades
 ** This data is based on the Eco-efficiency Analysis. It compares alternative products and processes that cater to the same customer needs (benefits). In this case, it compared the costs (in €) of dyeing 100 meters of PES/cotton fabric weighing 140g/m².

TOTAL COSTS



BASF COLOR FAST FINISH – A HIGHLY ECOLOGICAL PROCESS

Faster process – reducing environmental impact

The fact that the total conventional process can be considerably shortened by the innovative BASF Color Fast Finish provides not only economic benefits, but also considerable ecological benefits:

1. Resource saving

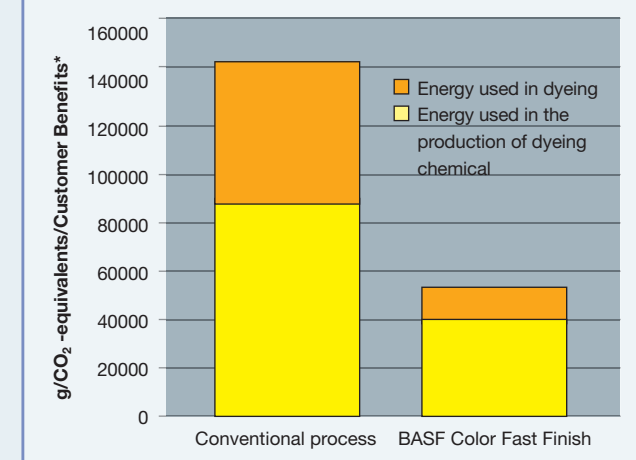
BASF Color Fast Finish reduces environmental impact as no washing and subsequent drying is necessary. In addition, no after-wash or after treatment is required, leading to:

- greatly reduced energy consumption
- greatly reduced water use and subsequent wastewater load

2. Reduction of CO₂ emissions

BASF Color Fast Finish can contribute to climate protection. As a further result of reduction in energy and hot water consumption, carbon emissions are dramatically reduced.

GLOBAL WARMING POTENTIAL



* This data is based on the Eco-efficiency Analysis. It compares alternative products and processes that cater to the same customer needs (benefits). In this case, it compared the costs (in €) of dyeing 100 meters of PES/cotton fabric weighing 140g/m².

Putting* FUTURE into Textiles.

A better FUTURE – through improved consumer protection, efficient use of resources and reduced carbon dioxide emissions. As a reliable partner, FUTURE means to continue offering you solutions for today and tomorrow – with the FUTURE already built in. BASF Color Fast Finish enables customers not only to save costs and time, but contributes to climate protection by saving energy. The process adds value from both an economical and ecological perspective. The way the FUTURE should be!



CARBON FOOTPRINT PROJECT

Carbon footprints of textiles based on actual data collected during production

In 2008, BASF Textile Chemicals conducted a joint project with customers and partners along the textile value chain namely Sustain Consulting (Member of the Otto Group), PUMA and textile mills in Bangladesh – Viyallatex Limited and Monno Fabrics Limited.



The carbon footprints of a specific t-shirt and trousers were calculated based on empirical data collected during the actual production process. BASF technologies were used and compared against conventional methods and products used at the textile mills.

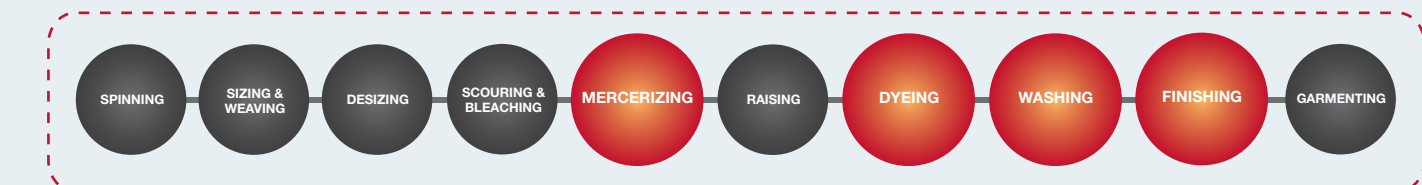
BASF Color Fast Finish reduced carbon dioxide emissions by 11%

BASF Color Fast Finish was used in the production of a pair of cotton trousers and compared against those finished in a conventional way. Results: mercerizing step could be omitted. In addition, dyeing, washing and finishing steps were reduced to one process that combines dyeing and finishing. The process was shortened and the carbon dioxide emissions were reduced by 11% during the production of a pair of trousers.

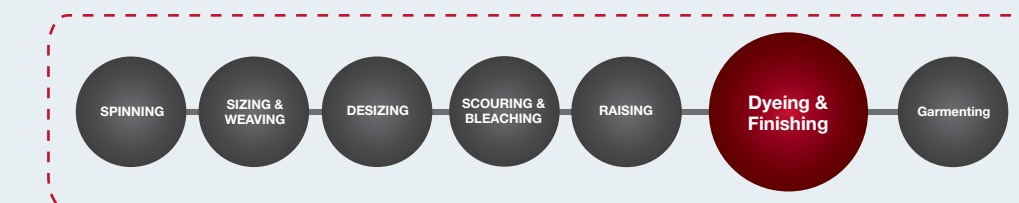
Process modification using BASF Color Fast Finish

Production of a pair of cotton trousers

Conventional process at Monno Fabrics Limited, Bangladesh



Using BASF Color Fast Finish



* = The project looked into the entire textile production process