

EXPLORE OUR BIOTEX FUNCTIONAL FINISHES

# BIOCON APY

## PHENOLIC YELLOWING PROTECTION



YOUR FINISHING  
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### ABOUT THE PROTECTION

- » low foaming product to prevent phenolic yellowing of lycra, polyamide, polyester, cotton and their blends during storage, packed in polyethylene bags or cardboard cartons.
- » prevents phenolic yellowing on different substrates in presence of conventional softeners.
- » can be applied by padding and by exhaust method
- » very price economical compare to existing products in the market

### KEY FEATURES & BENEFITS

- » Prevents phenolic
- » Prevents shade change or yellowing caused by packaging materials or Nitrogen Oxide exposure
- » Versatile: can be applied by exhaust and paddin



Yellow to reddish  
brown viscous liquid



Anionic



pH of 1% solution  
7 +/- 1



Miscible with water



Compatible with anionic  
and nonionic products



Stable to dilute acids  
and dilute alkalis

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bluesign®

SYSTEM  
PARTNER

Superior  
yellowing  
protection





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## PHENOLIC YELLOWING PROTECTION

### Padding Process

20–80 g/l  
Cotton, Polyamide and Polyamide / Lycra  
(depending on requirement)

10–20 g/l  
Polyester Pick-up 65–70%

4.0–4.5

140–160 °C  
1–2 minutes

### Exhaust Process

3–7%  
Cotton, Polyamide  
and Polyamide / Lycra

1–2%  
Polyester Bath

4.0–4.5

65–70 °C  
1–2 minutes



Dosage



Bath pH



Drying

### Instructions for Dilution

Procedure to prepare 30% BIOCON APY

#### Step 1

Take **36.5 parts**  
of BIOCON APY phenolic  
yellow protection

#### Step 2

To this, add **63.5 parts**  
**DM water** under constant  
**stirring at 150–200 rpm.**

#### Step 3

Continue **stirring for**  
**20–30 mins** to obtain  
homogenous product

Superior  
yellowing  
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