

Product Information Process Auxiliaries

Sera[®] Zyme C-COM

Combined enzyme for one step reactive dyeing

Function Sera Zyme C-COM combines antiperoxide and biopolish enzymes which can be used in one step reactive dyeing method. Enzyme for application at neutral pH especially at warm temperatures (50-65°C) that gives the typical benefits offered by classic acid cellulases for the biopolishing process and remove the residual antiperoxide which may come from pretreatment.

- Properties**
- can be used at neutral ph values (6,5-7,0) at the starting step of reactive dyeing
 - suitable to use with one step iso thermal (60-60°C) reactive dyeing method
 - help to reduce water, energy and processing time versus separate biopolish and aniperoxide enzyme treatments
 - less weight and strength loss than acid celuluase enzyme
 - dosable/pumpable liquid
 - decomposes hydrogen peroxide into harmless components
 - reduce interim rinsing between peroxide bleaching and reactive dyeing of cotton
 - easy to use

Chemical Characteristics Liquid enzyme formulation

Technical Data

Appearance:	yellow to redbrown liquid
pH:	5 - 7
Shelf life:	12 months in closed original containers

Application

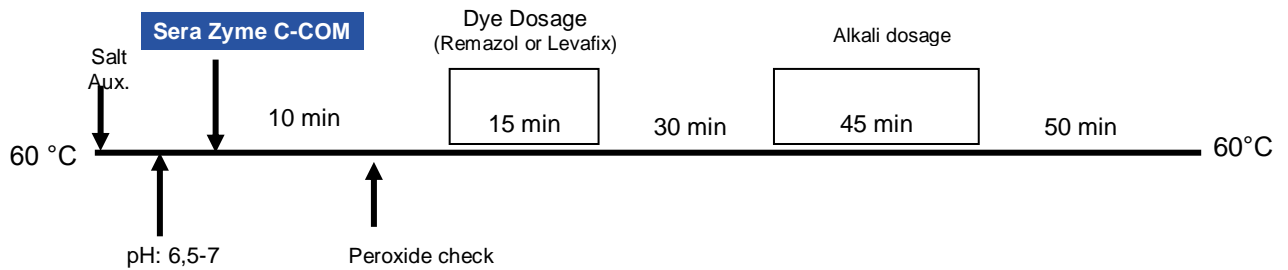
Sera Zyme C-COM can be added at the beginning of the dyeing process (after auxiliaries and salt addition).

Usage amount: 0,7 – 1,5 %

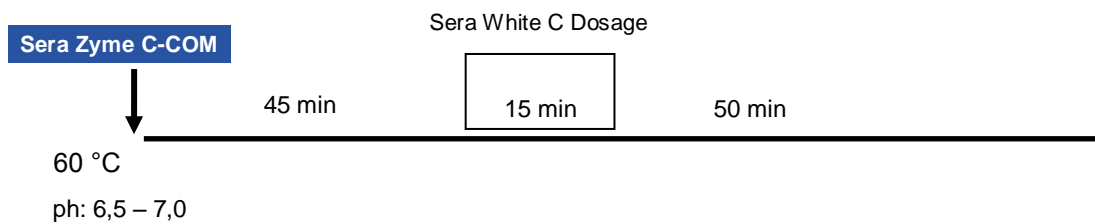
pH: 6,5 – 7,5

Temperature: 50 – 65°C

Recommended application process for 60-60°C isothermal reactive dyeing method



Recommended application process for Optical Brightener



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