

NOVACEL 895

Liquid neutral cellulase for the treatment of textiles, produced by natural fermentation.
 Product for "stone washed" finishing, useable for biopolishing and dyeing in one step.

Chemical-Physical Characteristics:

Type of enzyme:	Cellulase
Physical aspect:	Light brown liquid
pH (5% sol.):	6.5 ± 1
Storage stability:	6 months under normal conditions

Properties:

NOVACEL 895 is a neutral cellulase for the defibrillation of the surface of the fibers (biopolishing) which offers a surface cleaning of the fabric and of the garment in conditions of neutral pH, in all types of machinery.
 NOVACEL 895 while improving the quality of the fabric surface, prepares the fiber for the dyeing treatment and makes it more receptive to color.

Thanks to its neutral profile NOVACEL 895 allows you to work in neutral pH conditions in all types of machinery.
 With NOVACEL 895 you can get reproducible hand and visual effects on the garment, even with moderate variations in pH, temperature and time during the process.

Thanks to NOVACEL 895's ability to perform fabric cleaning at neutral pH (without the need for pH adjustment), it is possible to perform a combined finishing and dyeing process in the same bath, thus reducing processing times and offering an increase however, pilot trials are recommended before starting industrial production.

NOVACEL 895 is effective from 30 to 50 ° C and works in processes from 15 to max 60 minutes.

NOVACEL 895 must be inactivated after treatment by bringing the pH of the bath to > 9 (with sodium carbonate, sodium borate or an alkaline detergent) or the temperature > 75 ° C for 10 minutes.

Applications - Doses of use:

BIOPOLISHING:

NOVACEL 895: 0.5 - 3% m.p.

r.b. : (1: 3/10) According to the machinery

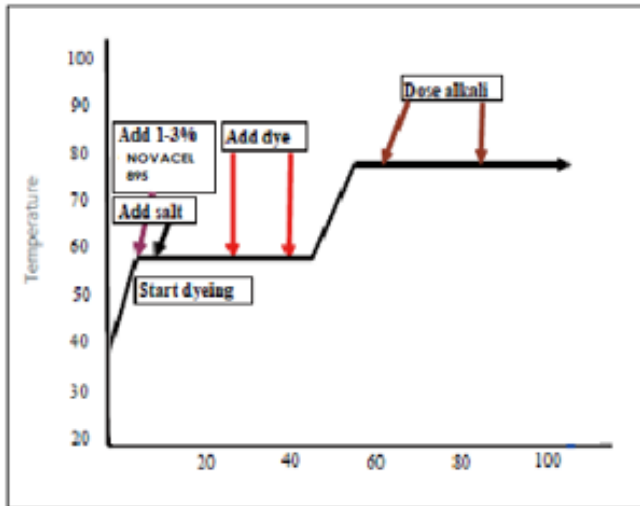
pH: 6 - 7

temperature: 30 - 50 ° C

time: 15 '- 60'

It is advisable to add 1-2 g / L of a non-ionic detergent (BIOPAL 150) at the same time to obtain an effective emulsifying and detergent action. It is always good, however, not to exceed in the addition of surfactant products, especially anionics, because there is a risk of deactivating the enzyme

BIOPOLISHING+DYEING PROCESS:



The stability of the product stored at 20 ° C is about six months. Avoid thermal changes and pH variations.

The above information is only indicative and without any guarantee on our part for use. Please contact our technicians for assistance and for anything not mentioned in this document. The data contained in this sheet are not to be considered specific.