

## SBOZZIMANTE 458

Desizing for starchy sizing on Pad-Rol and Pad-Batch equipment.

### Chemical-Physical Characteristics:

Chemical constitution:	Enzyme protein
Physical aspect:	Dark liquid
pH (5% solution):	7 ± 1
Compatibility:	With non-ionic products
Storage stability:.	6 months. Low storage temperatures are recommended.

### Properties:

SBOZZIMANTE 458 is a thermostable alpha-amylase which, used for the desizing of low and medium temperature products (30-70 ° C), does not damage the textile fibers.

### Applications:

The high stability of the enzyme allows the desizing to be used on any type of desizing machinery.

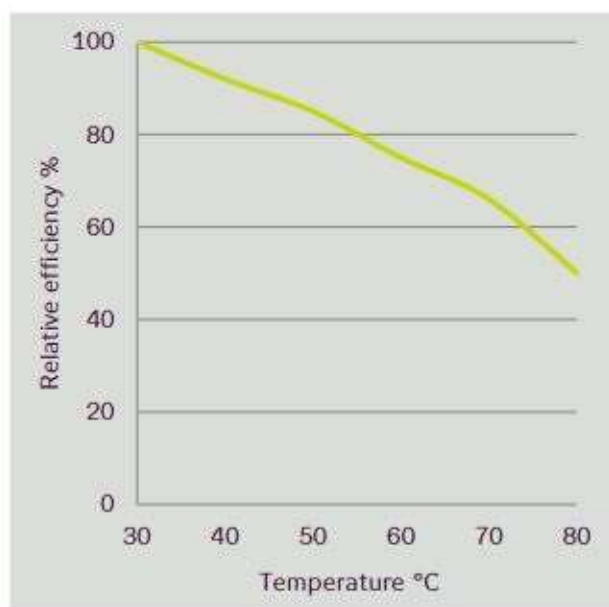
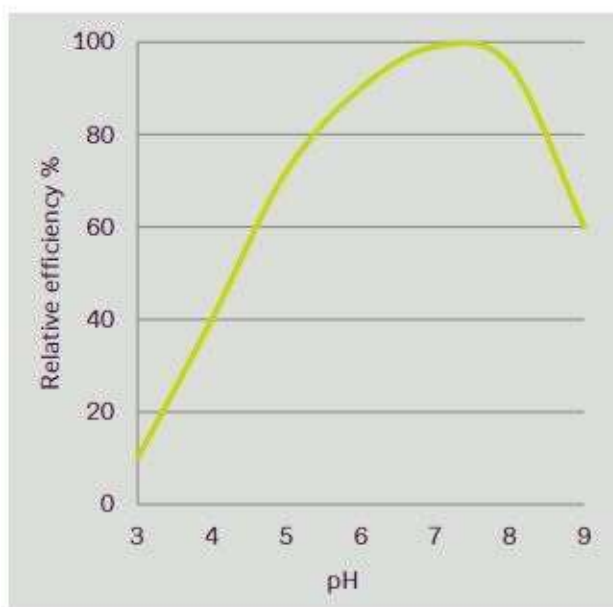
Pre-wash: if you intend to desize heavy items or with sizes that are difficult to remove (for example rice or wheat-based sizes), a pre-wash at 80-95 ° C with 0.5 g / L of non-ionic wetting surfactant such as NOVALENE 110 or BIOPAL 150.

Pad-Roll / Pad-Batch: The bath, considering an absorption of 100% (1 kg of fabric absorbs 1 kg of bath), is supplemented with 1-5 g / L of SBOZZIMANTE 458 at a maximum temperature of 70 ° C, at a pH between 6 and 7.5. In the case of Pad-Batch impregnation, it is advisable to store the fabric for 10/12 hours.

Note: the high temperature increases the rate of enzymatic degradation of the starch, but reduces the stability of the enzyme; therefore the optimal temperature depends on the time available and on the desizing machine.

Post-washing: the soluble components deriving from the degradation of the size are eliminated at a temperature of 90-95 ° C (or in any case as high as possible) with 0.5 - 1 g / L of BIOPAL type detergent; to improve washing efficiency, 5-10 g / L of solvent soda can be added to the bath.

	Application range	Best application range
pH	5.5-8.0	6-7.5
Temperature	30-50°C	20-50°C
Time/application	Pad batch: 2-24 hours/Exhaust system: 10-30 minutes	
L:R	1:05-1:20	



Le informazioni di cui sopra hanno solo carattere indicativo e senza garanzia da parte nostra per l'impiego.  
 Si prega di contattare i nostri Tecnici per l'assistenza e per quanto non riportato in questo documento.  
 I dati contenuti nella presente scheda non sono da considerarsi specifiche.