

Cellulase Enzyme MC-101

DESCRIPTION:

cellulase enzyme is specially designed for bio-polishing in the finishing processes of cellulosic fabrics. It can permanently reduce the tendency of pilling and improve the hand feeling and appearance of fabrics, without damaging to the fibre backbone. Treatment with this neutral cellulase can maintain the strength of the fabrics, with thick hand-feel and excellent resistance to pilling and fluffing, render the fabrics high quality surface.

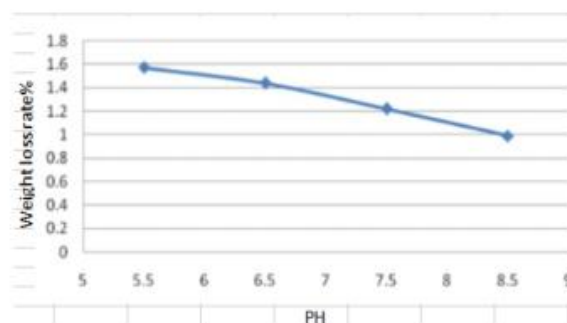
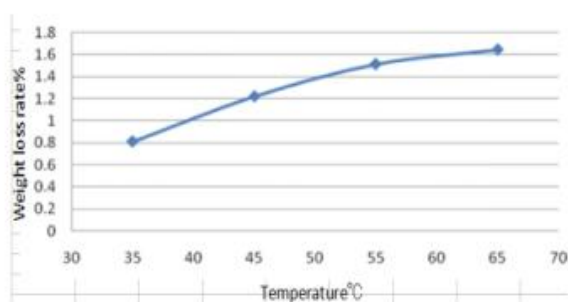
PROPERTIES:

Appearance	Liquid
Color	brown
Activity	29000U/ML
Solubility	Soluble in water

OPERATING CONDITIONS:

Temperature	25-55°C, optimum 45°C
PH	5.0-8.0, optimum 6.0
Liquor ratio	1:5-1:10
Dosage	0.3%-0.5%
Time	30-60 min

PRODUCT DATASHEET:



BENEFITS:

- Large snow-flakes with high contrast.
- Solve problems of big dosage on pumice, machinery wearing, difficulty in waste water treatment
- Stable activity, easy to formulate, transport and store
- Environmental-friendly

PACKAGE

30kg/drum

ENZYME INACTIVATION

When necessary, enzyme can be inactivated by increasing the pH of the biofinishing bath to a pH > 9.0 and holding for 5 minutes. Soda ash (sodium carbonate), borax (sodium borate) or an alkaline detergent are recommended for pH adjustment.

SHELF LIFE

6-9 months, subject to storage condition.

Retained 95% activity after six months of storage at room temperature (25°C) is guaranteed above labeled activity. Avoid long-term storage above 30°C or under direct sunlight.

SAFETY:

Enzyme is of protein which may cause sensitization and allergy. Prolonged contact may cause minor irritation for skin, eyes or mucous membrane of nose, so any direct contiguity with human body should be avoided. If irritation or allergic response for skin or eyes develops, consult a doctor.

