



## SILIT-ENZ-688

### Grinding and abrasion on denim

#### Description

Stone-free enzyme Powder **SILIT-ENZ-688** is mainly used for stone-grinding finishing of denim clothing in industrial washing water, which can reduce the use of pumice to achieve the effect.

#### Performance characteristics

- ◆ Mainly used in grinding finishing of denim clothing
- ◆ With a wide temperature and a pH range
- ◆ Fast abrasion, good polishing, bright color
- ◆ Abrasion is clear, and strong 3D sense
- ◆ Reduce or no need to use pumice stone, reduce the cost of using
- ◆ Green environmental protection, does not produce any toxic residual material on fabric after treatment

#### Physical and chemical characteristics

Appearance	White to pale yellow powder
PH Value (1 ‰ water solution)	5.5±0.5
Ionicity	nonionic
Solubility	Dissolve in water

#### Reference process

Dosage	0.1-0.5 g/L
bath ratio	1:5-1:15
end-use temperature	20 – 55℃, optimal 35 – 40℃
PH values were used	5.0-8.0, best 6.0-7.0
process time	10-60min
inactivate	The soda ash was 1-2g / L (pH> 10), treated above 70℃ for more than 10min

#### Note:

The amount and treatment time of the enzyme shall be determined by the user according to the requirements of the processing sample. Before the enzyme is put into the production equipment, please ensure that the temperature and pH in the equipment are in the best use conditions of the enzyme. When using the same bath with the chemical additives, please try to use non-ionic chemical additives to avoid reducing the activity of the enzyme.

#### Package and Storage

50 KG/Paper drum or 25 KG/kraft paper bag

Store it in a cool and dry place where is below 25℃, avoid the direct sunlight, its shelf life will be 12 months under sealing conditions.