



PROLASE HTS

PROLASE HTS enzyme is a concentrated thermostable bacterial alpha amylase for desizing of cotton fabrics sized with starch derivatives and blends of starch.

CHARACTERISTICS

Composition	: Based on alpha-amylase
Appearance	: Brown, liquid
PH	: $5,5 \pm 0,5$
Ionic Char.	: Anionic
Solubility	: Dissolves into water in every percentage

USING CONDITIONS and APPLICATIONS

- Eco- friendly.
- Allows rapid conversion of the starch size into dextrin, which is easily removed by rinsing following impregnation of the enzyme.
- High temperature stable.
- Effective in wide operating temperatures and pH.

The amount of **PROLASE HTS** needed would depend upon many factors such as type, nature, quantity of the size and process employed etc. However, a general recommendation for pad batch route would be:

PROLASE HTS	1 - 2 g/l
PROWET RPD	1 - 2 g/l
PH	6.0 - 8.5
Temperature	70°C

For exhaust application

PROLASE HTS	0.2 - 0.5%
PROWET ANT	0.2 - 0.5%
PH	7 - 8.5
Temperature	80 - 95°C
Time	1 hour

STORAGE CONDITIONS

Like all enzyme products, PROLASE HTS, slowly loses activity over time. To ensure maximum storage life and activity PROLASE HTS should be stored at 25°C or lower temperature. Higher storage temperature should be avoided. Stir well before use for optimum results, store in a cool place with containers tightly closed.

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