

Product Information Laundry Auxiliaries

Lava[®] Cell NLG

Function

High activity neutral cellulase for low temperature containing strong buffer and dispersing agent

Properties

- accelerates the mechanical abrasion of indigo
- provides an essential shortening of the stone-wash treatment
- provides with some denim qualities stone-wash results without using stones
- best effect in neutral to weakly acid pH-range, which is adjusted by the high capacity buffering system
- optimum contrast by including dispersing agent
- grey to neutral cast
- low foaming

Chemical Characteristics

Enzyme granulate

Technical Data

Appearance: white-beige granulate

Dilution procedure: add to the washing machine

Shelf life: 12 months in closed original containers transportation and storage at temperatures below 30°C

Protect from heat and sun!

Application

In order to wash jeans material, Lava Cell NLG is added to the bath in quantities of 0,5 – 1,0 % on the weight of the goods at a liquor ratio of 4:1 to 6:1.

Therefore a quick removal of indigo is achieved. Washing temperatures should be at 40- 45 °C. In order to achieve best results, the pH value should be 6 -6,5 which normally is adjusted by its own.

Special Advantages

- Highly concentration and high activity means easy to use small quantities
- Strong buffer system easily to adjust the pH of the bath without additional chemicals
- high contrast between warp and weft of the denim
- only minimum soil of pocket lining
- grey to neutral cast

Treatment:

0.3 - 0.7 g/l Lava Sperse KDS or Lava Sperse HOC
0.5 - 1.0 g/l Lava Zyme DEZ 01

15 - 20 min at 60 °C

Drop bath. Fill the machine with water of 40 - 45 °C to a low liquor level.

Add

0.5 – 1.0 % o.w.g. Lava Cell NLG
0.3 - 0.7 g/l Lava Sperse KDS or Lava Sperse HOC

Depending on the quality rotate with or without stones at 40 - 45 °C.

With stones: approx. 20 - 60 min

Without stones: 30 - 90 min

Rinse, afterscour.

Its recommended to add Lava Wash PDT (for blue and shiny colors) and Lava Wash EXT(for grey and clean cast) for afterscour bath for better contrast and clean surface.

We recommend adding Lava Soft EPS 01 or Lava Jeans PRO 01 in the last rinse as a softener.

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