

Product Information Laundry Auxiliaries

Lava[®] Sperse KKC Conc

Anti-back staining agent

Function Anti back-staining agent for denim applications on drum-type washing machines

- Properties**
- excellent reduction of soiling of white cotton weft and the pocket linings of indigo dyed jeans
 - minimizes staining of pocketing or labels that contain polyester during a garment wash
 - excellent dispersing properties
 - compatible with enzymes based on amylase and cellulase
 - suitable for stone-washing processes with acid and neutral cellulases
 - low-foaming and therefore suitable for use on drum-type washing machines
 - suitable for mixing with other kinds of denim dispersing agents

Chemical Characteristics Polymer base compound

Technical Data

Appearance: white or weakly turbid liquid

pH: 3 - 5

Ionicity: nonionic

Dissolving procedure: good solubility in cold and warm

Shelf life: 12 months in closed original containers

Stir well before sampling or use

Do not store product below + 3°C and above + 35°C

Application

Adding Lava Sperse KKC Conc in denim washing processes reduces the soiling by indigo of undyed fibers. The weft of the denim fabric, the pocket lining and the labels stay clean.

Lava Sperse KKC Conc is suitable for use in all denim treatments such as desizing, pre-washing, stone-washing, bleaching and post-scouring as well as in scouring of flat fabrics. Because of high solid content product can be either used in small quantities or can be prepared as a stock solution, in any case it has to be stirred before usage.

Desizing

0.3 – 1,0 g/l Lava Zyme DEZ 01
0.2 – 0.4 g/l Lava Sperse KKC Conc

10 - 15 min/60°C, rinse
Liquor ratio: 10 :1

Stone-washing

1 - 2.5% Lava Cell NHC o.w.g.
0.2 – 0.4 g/l Lava Sperse KKC Conc

20 - 45 min/40 - 65°C, depending on type of cellulase
Liquor: 3:1 - 6:1
Rinse and scour

Post-scouring of stone-washed denim

0.5 - 1.0 g/l Lava Sperse KKC Conc
0.5 - 2.0 g/l Lava wash PDT or Lava Wash EXT
10 - 20 min/60°C
Liquor ratio: 6:1 - 8:1

Then rinse and apply softener, e.g. Lava Jeans PRO 01 or Lava Soft EPS 01

As a component in dispersing agent mixtures:

10-25 parts Lava Sperse KKC Conc
10-15 parts Lava Sperse HOC
X parts water

After preparing this stock solution, 0.5 - 1 g/l can be used in the desize and stone wash bath. Stir well before using the stock solution and ensure the stock solution should not be allowed to stand for a long time in storage area. Proportions of the mixture can be changed depending on the required results quality and localised conditions – this should be discussed with DyStar technical service team beforehand.

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