

Product Information Laundry Auxiliaries

Lava[®] Fin USI

Function For fashion effects on denim garments

Properties

- soft handle
- increases the tensile and tear strength of denim at resin laundry applications
- provides grey and very shiny cast on denim
- can be combined with other water-based dispersions

Chemical Characteristics Polymer emulsion

Technical Data

Appearance: white dispersion

pH: 6 - 8

Ionicity: slightly Anionic

Shelf life: 12 months in original containers.

Stir well before sampling or use

Lock packaging immediately after sampling or use

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

Application

This product may be used in conventional textile finishing applications For information on these applications please consult the Finishing Auxiliary technical data sheet.

Denim laundry applications**Spray application**

30 – 200 g/l Lava Pret RCI
50 – 150 g/l Lava Fin USI
50 – 200 g/l Lava Fin 936
10 – 20 g/l Lava Wet M-DF
X g/l Water

Sprayed amount is determined depending on the fabric and the final desired effect, and depending on this different additives may be used.

Pre-drying at 90-100°C is strongly recommended to reduce the strength loss of fabric.

Followed by garment curing – see below

Dipping applications (Dip/Spin/Dry/Cure)

30 – 150 g/l Lava Pret RCI
50 – 100 g/l Lava Fin USI
50 – 100 g/l Lava Fin 936
10 – 20 g/l Lava Wet M-DF
X g/l Water

After dipping for few minutes extraction.

Curing at oven at 150°C, see below.

Curing Times

Curing temperature of 150°C must be used and the time determined according to the fabric and pre-application conditions. Actual curing time is only measured once the temperature on the fabric reaches 150°C. Therefore time is required to reach this temperature. We suggest using the following times should be sufficient for curing cycles, but stress pre-trials are necessary as times will vary depending on machinery.

Pre-dried garments - 10 minutes

Wet garments- 15-20 minutes

DyStar Kimya Sanayi ve Ticaret Ltd. Sti
Mecidiye Mah.Cenap Sahabettin Sok.No:24
34718, Kosuyolu / Kadikoy
Istanbul - Turkey
Telephone +90 216 544 15 00
Fax(sales) +90 216 339 90 48
Fax (marketing) +90 216 339 90 63
DyStar.Auxiliaries@DyStar.com
www.DyStar.com

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