

Product Information Laundry Auxiliaries

Lava[®] Soft HSB

Function Hydrophilic silicone softener for all natural and synthetic fibers and their blends

- Properties**
- Provides the material with a very soft and slippery handle
 - Improves the hydrophilicity of material
 - Improves the sewability and comfort
 - Can be applied by both padding and exhaust methods
 - Can be use mostly nonionic and cationic product. It must be checked bath stability before using

Chemical Characteristics Hydrophilic silicone micro emulsion

Technical Data

| | |
|---------------------|--|
| Appearance: | colorless / turbid clear emulsion |
| pH: | 4 – 6 (direct) |
| Ionicity: | Nonionic /slightly cationic |
| Dilution procedure: | Can be diluted in any ratio with water at room temperature |
| Shelf life: | 6 months in original closed containers. |

Do not store product above + 25 °C, product can become useless.

Store product cool but not below + 3 °C

Application

Lava Soft HSB is a hydrophilic silicone softener for all natural and synthetic fibers and their blends. It increased water absorbency that provides transfer of moisture even hydrophobic fibers like polyester fibers. Generally it can be mixed with other softeners , polyethylene waxes and resin finishes but it must be checked bath stability before using.

Pad application

-For cotton and cotton/polyester:

10 – 40 g/l Lava Soft HSB
1 g/l acetic acid 60%
Dry at 100-170 °C

-100% Cotton fibers resin finishing:

10 – 50 g/l Lava Soft HSB
60 - 80 g/l Evo Pret RCI
1 g/l acetic acid 60%
Pick up : appr. 70%
Dry and Cure at 170 °C at 40-60 sec

-For towel - bathrobe :

10–50 g/l Lava Soft HSB
1 g/l acetic acid 60%
Dry : at 100–170 °C

Exhaust Application

-For cotton and cotton/polyester:

1–3 % Lava Soft HSB
pH 4-5 with acetic acid
15 - 25 min at 20-35 °C
Remove liquor and drying without rinsing
Dry Temperature: 110–150 °C

-For denim and other garments :

1 – 3 % Lava Soft HSB
pH 4-5 with acetic acid
Remove liquor and tumble dryer

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