

Technical - Information

AVCO-BLANK NPS LF

ANTI BACK STAINING AGENT FOR DENIM GARMENTS

AVCO-BLANK NPS LF is a compound used during desizing and "stone-washing" of denim garments, to prevent staining of inside pockets, labels, webs and embroidery yarns with indigo and sulphur dyes.

Use of AVCO-BLANK NPS LF enable the finisher of obtain better contrast between the blue or the black colour of the warp yarn and white colour of the web yarns.

SPECIFICATION:

Appearance	White slightly viscous liquid.
Chemical nature	Aqueous dispersion of anti back staining agents and special detergents.
Ionicity	Nonionic.
Solubility	Dispersible in water at any ratio.
pH (10% sol)	6.5 - 8
Compatibility	Compatible with mild acids and alkalis, enzymes and water hardness.
Storage	Keep in closed drums. When properly stored, shelf life Is at least 12 months. Freezes at 0°C, fully usable after thawing and mixing.

PROPERTIES & USES:

1. Prevents sulphur and indigo dyes re-deposition onto the treated denim articles.
2. Ensures improved contrast look of denim garments.
3. Prevents staining of pocketing fabrics and all types of labels used in denim garment production.
4. Non-toxic towards enzyme preparation. Recommended for desizing and for stone washing.
5. Liquid product which can be metered easily to the washing machine.
6. Non-hazardous to the environment.

APPLICATION:

AVCO-BLANK NPS LF is used in the enzymatic de-sizing and in the stone-washing process.

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I. De-sizing

1. Load machine. Fill with water to liquor ratio 1:5 – 1:10. Add chemicals.
Use the following recipe:
Add just pH 5 – 6.

AVCO-ZIM 120	0.5 – 1.5 gr/l
AVCO-BLANK NPS LF	0.5 – 1.0 gr/l
2. Raise temperature to 40-60°C, and treat for 15-30 minutes (depends on machine type).
3. Drain, rinse hot and cold.

II. "Stone – Wash" treatment with "cold" acidic enzyme

1. Load garments and abrasion stones (optional).
2. Fill machine with water (liquor ratio 1:5 - 1:10).
3. Adjust temperature to 35 – 45°C.
4. Add chemicals:

AVCO-SON COLD	0.5 – 2.0% o.w.g
AVCO-BLANK NPS LF	0.5 – 1.0 gr/l
5. Adjust pH to 5.5 – 6.0.
6. Treat for 30 – 60 minutes.
7. Drain solution, rinse with water.

III. Stone wash treatment with neutral enzyme

1. Load garments and abrasion stones (optional).
2. Fill machine with water (liquor ratio 1:5 - 1:10) adjust temperature to 50 – 55°C.
3. Add chemicals:

AVCO-SON NSP 02	0.25 – 2.0% o.w.g
AVCO-BLANK NPS LF	0.5 – 1.0 gr/l
4. Adjust pH to 6.0 – 7.0.
5. Treat for 30 – 60 minutes.
6. Drain solution, rinse with water.