

Technical - Information

AVCO-FAST RV

SPECIAL FINISHING CHEMICAL FOR IMPROVING WET RUBBING FASTNESS

An after treatment agent free from formaldehyde, used for improving the wet rubbing fastness properties of dyeing on cellulosic fibres, cellulosic blends with reactive dyes, indigo, sulphur and vat dyes.

For emerised dark shades of cotton bottom weight, cotton knits dyed in dark shades, cotton printed with reactive or vat dyes, cellulosic blends, microfibers dyed in dark shades can be finished with AVCO-FAST RV before the normal finishing recipe to improve wet rubbing fastness.

SPECIFICATIONS:

Appearance	Light yellow to yellow brown viscous liquid.
Chemical composition	Special compound of macromolecule polymers.
Ionic type	Cationic/Nonionic.
pH (1% SOL.)	4 - 6
Solubility	Easily soluble in water.
Compatibility	Compatible with cationic, and nonionic products. Should not be used with anionic products or used for finishing the dyed fabric which is still remained anionic residue.
Stability	Stable to diluted acids.
Storage	Store in cool, ventilated shed away from heat and direct sunlight. Shelf life at least 6 months if stored under controlled conditions.

PROPERTIES & USES:

- Obviously improves wet rubbing fastness of dyed / printed textiles with reactive, or indigo, sulphur or vat dyes for medium and deep color, can raise 1 - 2 level.
- AVCO-FAST RV in normal finishing bath does not affect handfeel or any fastness properties.
- Film formation is very good. Wet rubbing fastness properties are improved even for emerised fabrics.
- Free from formaldehyde, meet eco-friendly requirement.
- AVCO-FAST RV can be applied by exhaust and pad methods.

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6. To conduct the compatibility test before apply if want to use together with silicone, softener flake and/or other textile auxiliaries. Try to avoid use in one bath with other anionic textile auxiliaries. Rinse fabric completely before use AVCO-FAST RV. It performs better in weak acid conditions.
7. AVCO-FAST RV is designed for correcting low wet-rubbing fastness. It is sensitive to changes in pH, temperature and contamination in the finishing bath such as anionic agent, lints, dusts, electrolytes, heavy metal ions. Extra care and attention should be implemented when applying AVCO-FAST RV as there is high possibility of roller build-up. Operators should be very carefully, prepare a reasonably small volume of finishing solution, observe the finishing bath very often in order to find out immediately the problem of padder build-up, chemical jelly in bath and stain on the fabric...etc. When such problem occur, stop the machine, drain the old solution in finishing bath, clean the roller, padder and trough, then change to a new bath.
8. The shade of the dyed fabric maybe change after treated, so the pretest is highly recommended.

APPLICATION:

1. Exhaust process

2 – 5% AVCO-FAST RV.

pH 4.5 – 6 (adjust with acetic acid).

Liquor ratio 1:10.

Treat at 40°C for 30 mins.

2. Pad process

20 – 80 g/l AVCO-FAST RV.

pH 4.5 – 6 adjust with acetic acid).

Pick up: 65 – 70%.

Dry at 170 – 180°C for 45 – 60 seconds or cure at 150 – 160°C for 2 mins.