

## AVCO-FIX FFCN

*HIGH PERFORMANCE, FORMALDEHYDE FREE FIXING AGENT*

AVCO-FIX FFCN is a formaldehyde free fixing agent specialized on reactive dyestuff dyeing and printing after treatment, especially suitable on fabrics with high requirement to soaping fastness and high temperature fastness.

The product obviously improves washing fastness, perspiration fastness and hot water fastness of red, coffee, black and other deep shade with little color changes.

*SPECIFICATION:*

<b>Appearance</b>	Brown yellowish to brown-reddish transparent viscous liquid
<b>Chemical composition</b>	Macro-molecule polymer with special reactive groups
<b>Ionicity</b>	Cationic /nonionic
<b>pH (1% sol.)</b>	3 - 5
<b>Solubility</b>	Easily soluble in water.
<b>Stability</b>	Stable to: Acids, Alkalis, Electrolytes, Water- hardness
<b>Compatibility</b>	Is not compatible with anionic products.
<b>Storage stability</b>	Solidifies below 0°C. Fully useable after thawing. Can be store for 12 months under room temperature and hermetic conditions.

*PROPERTIES & USES:*

1. Can remarkably improve the soaping, washing, perspiration, and seawater fastness, especially fastness to hot water
2. The light fastness and the fastness to wet fading is not effected or only slightly.
3. No fishy odor by the formation of methylamine.
4. It is Eco-friently, free from formaldehyde.
5. Performs obvious fastness enhancement to low and high temperature washing on dyed fabrics by reactive dyestuff with scarlet, coffee, deep black.
6. Has very little effect to color tone, it is nearly the same of fixed and unfixed fabric.

7. No effect to handle and hydrophilicity of treated fabrics.
8. It also is used as fixing agent in dyeing process when apply direct, acid and neutral dyes dyeing or printing.

*APPLICATION:*

**1. EXHAUST PROCESS**

Usual dosage: 1.0 – 3.0 5 (o.w.f)

pH 5.0 – 7.0

Treat at 40 – 60°C for 20 – 30 min

**2. PAD PROCESS**

Usual dosage: 5 – 30g/l

For actual application, the process should be adjusted according to correspondent preliminary tries.

AVCO-FIX FFCN can be used with other finishing agents in the finishing bath, but it should be pretested with all ingredients before use.