

AVCO-ANTIMIGRANT D

ANTIMIGRANT FOR PIGMENT, VAT AND DISPERSE DYEING

AVCO-ANTIMIGRANT D is an auxiliary for preventing dye migration during the intermediate drying of fabrics made from synthetic and cellulosic fibres and their blends.
AVCO-ANTIMIGRANT D can be used for dyeing with pigments and disperse dyestuffs.

SPECIFICATION:

Appearance	Almost colourless, clear viscous liquid
Chemical nature	Co - polymerization product based on poly acrylic acids
Density at	1.05 - 1.07 20 ⁰ C (gr/cc)
Ionicity	Anionic
pH (10% sol.)	7.5 ± 1
Solubility	Soluble in water in any ratio
Stable to: Acids, Alkalies, Water hardness	} Good under the conditions normally encountered in practice
Storage stability	Solidifies at 0 ⁰ C, fully suitable for use after thawing out. Shelf life is at least 12 months.
Compatibility with: Anionic compounds Nonionic compounds Cationic compounds Heavy metal ions	Compatible Compatible Not compatible Not compatible

PROPERTIES & USES:

1. Simple handling, ready solubility.
2. Only a slight increase in the viscosity of the padding liquor or printing paste.
3. No deposits on the deflecting rollers.
4. Suitable for pigments vats and for disperse dyes.

5. Prevention of dye migration during intermediate drying and thermosolizing of fabrics dyed or printed with pigments or dyestuffs.
6. Appreciable improvement in the appearance of dyeing or printing on cotton and rayon staple articles.
7. Appreciable improvement in the appearance of the dyeing and optimum dye yield, when fabrics made from, or with synthetic fibres are padded by the thermosol method.
8. No retarding action.
9. Good washing off properties, even after dry heat treatments of the fabric, the high swellability and solubility of the AVCO-ANTIMIGRANT D film is retained.

APPLICATION:

Before use AVCO-ANTIMIGRANT D is diluted with cold or warm water (1:3-1:5), and added to the padding liquor or printing paste. Stock solutions 1:10 can be pumped direct from the storage container into the padding machines.

The following concentrations are recommended:

1. For dyeing cellulosic fabrics

Use: 10 - 20 g/l AVCO-ANTIMIGRANT D

2. For dyeing blends of synthetic with cellulosic fibres

Use: 10 - 30 g/l AVCO-ANTIMIGRANT D

3. For dyeing 100% synthetic fabrics

Use: 10-30 g/l AVCO-ANTIMIGRANT D

4. For improving the levelness of printing area of pigments or dyestuff :

Use: 1 – 2% AVCO-ANTIMIGRANT D