

AVCO-LPET

DETERGENT FOR AFTER-WASHING OF PRINTED POLYESTER

AVCO-LPET is a surfactant especially manufactured to remove and suspend residual disperse dyes, from printed and dyed polyester, triacetate and blends of these fibres.

SPECIFICATIONS:

Appearance	Slightly brownish clear liquid
Chemical nature	Combination of poly- ethoxylated surfactants and sulphonated polymers.
Ionicity	Anionic / nonionic
pH (10% sol.)	6 - 8
Solubility	Miscible with water at any ratio.
Compatibility	1. Is not compatible with cationic products. 2. Compatible with mild acids and alkalis.
Storage	Freezes below 0°C Fully usable after thawing. Shelf life is at least 12 months.

PROPERTIES & USES:

1. Enables rapid elimination of synthetic and natural thickeners from the printed fabrics.
2. Removes and suspends unfixed dyes.
3. Keeps unfixed dyes in water dispersion, and prevents staining of white and colored grounds of the printed fabrics.
4. Keeps white areas clean and bright.
5. Assures clear and bright shades, with better crock and wash fastness.
6. While printing polyester blends with cellulosic fibres, AVCO-LPET keeps disperse dyes from staining the cellulosic part.
7. Low foaming detergent.
8. Liquid product which can be dosed easily.

APPLICATION:

1. In a batch type machine (winch, jig, beam or jet) use the following procedure:

- a. Rinse with cold water
- b. Scour at 60-70⁰ C , for 20-30 minutes with the following recipe:

AVCO-LPET	1 – 3 g/l
NaOH (50%)	1 – 3 cc/l
HYDROSULFITE	2 – 3 g/l

- c. Rinse and neutralize with 1 g/l Acetic-acid.

2. In continuous washing machine use the following procedure:

- Box No. 1 - cold rinse with 1 g/l AVCO-LPET
- Box No. 2 - hot rinse (60⁰C) with 1-2 g/l AVCO-LPET
- Box No. 3 - hot scouring (70-80⁰ C) with the following recipe:

AVCO-LPET	1 – 3 g/l
NaOH (50%)	1 – 3 cc/l
HYDROSULFITE	2 – 3 g/l
- Box No. 6 - hot rinse (60⁰C) with 0.5 cc/l acetic acid
- Box No. 7 - cold rinse