

AVCO-ELASTOGUM 5140

MACRO SILICONE EMULSION FOR SOFTENING EFFECT WITH LESS YELLOWING.

AVCO-ELASTOGUM 5140 is an emulsion of a reactive aminommodified silicone fluid.

AVCO-ELASTOGUM 5140 imparts a very soft, drappable, and elastic handfeel to a wide range of fiber materials such as cotton, polyester, viscose and their mixtures.

SPECIFICATION:

Appearance	Milky-white liquid
Chemical nature	Amino-modified silicone emulsion in water
Ionic character	Weak cationic.
pH (as is)	approx. 8
Solubility	Miscible with water at any proportion
Compatibility	a) Good with cationic and nonionic b) Compatibility with anionic products (eg. optical brighteners). Should be tested in Lab before use.
Storage	Stable for at least 6 months if properly stored and protected against direct sun.

PROPERTIES & USES:

1. AVCO-ELASTOGUM 5140 is a macro-emulsion which is covering the fibre's surface and imparts very soft drappable and elastic hand feel to woven and knitted fabrics
2. AVCO-ELASTOGUM 5140 improves the wash and wear properties and the crease recovery angle, sew ability, tear strength and reduces abrasion.
3. The effect resist washing and dry cleaning
4. AVCO-ELASTOGUM 5140 has very little effect on the degree of whiteness.
5. AVCO-ELASTOGUM 5140 does not adversely affect the shade or color fastness of colored articles.
6. Can be used as is or in combination with other finishes such as nonionic and cationic softeners and resins.

The information given in this bulletin is, to the best of our knowledge accurate. It is intended to be helpful is not to be considered a guarantee.

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APPLICATION:

1. Before adding to finishing bath check compatibility of product with all other ingredients of the bath.
2. For application by padding use the following procedure:
 - a. Add water
 - b. Adjust pH to 5-6 with acetic acid.
 - c. Add AVCO-ELASTOGUM 5140
 - d. Add other finishing ingredients
 - e. Pad and dry.

Dosing recommendation:

Apply 10 – 80 gr/l in the finishing bath according to the desired finishing effect.