

AVCO-ELASIL WNE 2320

HYDROPHILIC SILICONE SOFTENER

AVCO-ELASIL WNE 2320 is a hydrophilic softener, which is used to apply soft handle to the treated fabrics without impairing the absorbency of the fabrics.

AVCO-ELASIL WNE 2320 can be used for textiles that need high quality re-wetting properties. The product is non-toxic and has no irritating effect on human skin when using textiles treated with it.

SPECIFICATION:

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| Appearance | Colourless to yellowish, clear liquid |
| Chemical nature | Aqueous solution of organo-modified polysiloxane |
| Compatibility | Can be used with all types of chemicals, normally encountered in textile finishing processes. |
| Ionicity | Weak cationic |
| pH (as is) | Approx 6 |
| Solubility | Soluble in water at any concentration |
| Storage | Store in a cool place at temperature below 40°C. Solidifies at 0°C. Fully useable after thawing and stirring. When properly stored, shelf life is at least 12 months. |

PROPERTIES & USES:

1. Imparts a soft, smooth and bulky handle to all types of textiles.
2. Excellent hydrophilic and wicking properties of the treated fabric.
3. Improves soil release properties.
4. Improves sew-ability in high speed industrial sewing machines.
5. Reduces surface tension of aqueous finishing liquors and therefore improves wetting out and penetration.
6. Can be used together with all types of organic softeners.
7. Absolutely non yellowing finish.

8. Can be used in spraying machines.
9. Does not contain any volatile solubilizer, and does not release any air-polluting ingredients.

APPLICATION:

pH should be adjusted to 5 – 5.5

1. Apply by padding: 10 - 30 g/l.
2. Can be applied by exhaust process in short liquor ratio machines (1:15-1:7). Apply 1-3% o.w.g. at 40 - 50° C for 20 - 30 minutes.