



PennWhite

Cansoft AR340

textile agent

technical data sheet

silicone emulsions

Cansoft AR340 is a non-ionic, micro-emulsion of an amino functional polysiloxane

TYPICAL PROPERTIES

Appearance:	Translucent micro-emulsion
Active substance:	Amino-functional Polysiloxane
pH:	5.5 – 6.5
Solids content:	45% approx

APPLICATION

Cansoft AR340 is particularly suitable as softener for the impregnation of fibers and textiles, it imparts a very soft, smooth and elastic handle to woven and knitted fabrics. **Cansoft AR340** improves the wash-and-wear properties and the crease resistance, sew-ability and tear strength. The effects are not degraded by washing or dry cleaning.

PROCESSING

Cansoft AR340 will give permanent effects even without the addition of a catalyst. It can be applied either by padding or by the exhaust method. **Cansoft AR340** should be used at between 5 – 30 g/l for the padding method. For the exhaust method 1-3%, relative to the weight of goods, is adequate and the treatment should be carried out at 40-50°C for 15-20 minutes. The pH of the liquor should not exceed pH 5. If necessary it may need to be adjusted with acetic acid.

Cansoft AR340 can be applied either alone, or together with resins and other finishing agents. If **Cansoft AR340** is used together with crosslinking agents and other additives, it should be added, in a diluted form, after all the other products.

Better crease recovery and lower abrasion values can be obtained in resin finishing by using **Cansoft AR340**. A wide range of handles can be obtained by combining **Cansoft AR340** with conventional softening agents and other additives.

SUGGESTED FORMULATIONS

Woven and knitted materials from synthetic fibres

0.5 ml/l acetic acid 60%
10-30 g/l Cansoft AR340
pad, liquor pick-up about 50%
dry at 120-150°C

Single jersey or interlock cotton fabrics (exhaust method)

0.5 ml/l acetic acid 60%
2-4 g/l Cansoft AR340
10-30 minutes at 30-40°C
without rinsing, dry at 100-150°C

PACKAGING

Cansoft AR340 is available in 25, 200 and 1000kg containers.

(OPA2/F2)

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**For additional technical or safety advice call us
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