Cansoft AR960 is a non-ionic, micro-emulsion of an amino functional polysiloxane.

**TYPICAL PROPERTIES**

- **Appearance:** Translucent micro-emulsion
- **Active substance:** Amino-functional Polysiloxane
- **pH:** 4.5 – 5.5
- **Solids content:** 25% approx

**APPLICATION**

Cansoft AR960 is particularly suitable as softener for the impregnation of fibers and textiles, it imparts a very soft, smooth and elastic handle to waven and knitted fabrics. Cansoft AR960 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 AR960 will give permanent effects even without the addition of a catalyst. It can be applied either by padding or by the exhaust method. Cansoft AR960 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 AR960 can be applied either alone, or together with resins and other finishing agents. If Cansoft AR960 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 AR960. A wide range of handles can be obtained by combining Cansoft AR960 with conventional softening agents and other additives such as fillers based on polyacrylates.

**SUGGESTED FORMULATIONS**

- **Woven and knitted materials from synthetic fibres**
  - 0.5 ml/l acetic acid 60%
  - 10-30 g/l Cansoft AR960
  - 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 AR960
  - 10-30 minutes at 30-40°C
  - Without rinsing, dry at 100-150°C

**PACKAGING**

Cansoft AR960 is available in 25, 200 and 1000kg containers.