

technical data sheet

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Description

Cansoft AR340 is a non-ionic micro-emulsion of an amino functional polydimethylsiloxane.

Applications

Cansoft AR340 can be impregnated in fibres and textiles to impart a very soft, smooth and elastic handle to woven and knitted fabrics. Cansoft AR340 also improves the wash and wear properties and the crease resistance, sew-ability and tear strength of textiles. The positive effects of Cansoft AR340 are not degraded by washing or dry cleaning.

Product Features

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.

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.

Method of Use

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 can 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.

Product Safety

A Safety Data Sheet compliant with EU 2015/830 is available for Cansoft AR340 on request. It contains any safe handling guidelines that may be relevant to this product.

Storage, Shelf Life & Packaging

Cansoft AR340 has a shelf life of 12 months when stored in original and unopened containers between 5°C and 30°C. This product is typically available in 25, 220 and 1,000 litre containers. Please note that it is sold in kilograms and the actual capacity of a container (in kg) is dependent upon the specific gravity of its contents.

Typical Properties

- Solids: 45 – 50 %
- pH: 5.5 – 6.5

Please note; these are typical properties only and should NOT be construed or used as a specification for this product.

(OPM3/D3)

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This product is manufactured in a facility whose Quality Management System is certified as being in conformity with ISO 9001:2015.



This product is manufactured in a facility which operates in line with the Chemical Business Association's Responsible Care program.

Technical Support Contact Details

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