

## Fasavin CP 124

### Spin finish for medium-soft-touch PP BCF

#### Chemical composition

Combination of polyglycole-compounds and antistatics.

#### Chemical data

Aspect	colourless - bright yellow, clear, liquid
Ionicity	nonionic-anionic
Active matter	approx. 90 %
Density (20 °C)	approx. 1.107 g/ml
Viscosity (20 °C)	approx. 120 mPa*s
pH-value (10 %)	approx. 7
Solubility	clear soluble in demineralized water

#### Storage conditions

12 months if properly stored.  
Stir well before use!

The product becomes solid at temperatures below 3 °C.  
After influence of coldness e.g. during transport; the product should be stored at a temperature of approx. 25 °C for several days.  
After thorough stirring, it will be fully efficient again.

#### Application guidelines

FASAVIN CP 124 is a spin finish for the production of medium-soft-touch PP-BCF carpet yarns. It can be used in neat oil- or solution application.

FASAVIN CP 124 shows very good wetting properties and therefore a high affinity to the fiber. Highly thermostable lubricants contribute to very low deposits on godets, which are easy to remove, and to nearly no smoke. This, together with the good yarn/bundle cohesion, ensures good running properties in yarn production and aftertreatment processes.

With most of the common types of polymers no gasfading could be found when using FASAVIN CP 124, but we recommend to do a gasfading test before using. Our application laboratory is always at your disposal to do such a test.

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions they can serve only as a guide and are therefore offered without obligation. We ask you to observe the possible rights of third parties.

Stand: 13. January 2012

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FASAVIN CP 124 is applied to the yarn neat oil or as an aqueous solution (solution concentration max. 25 % of active matter) by means of the usual application devices.

In order to prepare a spin finish solution, stir the spin finish in demineralised water which is pre-heated at 20 - 25 °C. Keep stirring until fully emulsified.

For the protection of the application solution against the attack of mould and bacteria, we recommend to use a bactericide in the spin finish emulsion.

It is better to add the bactericide to the water first during stirring, before preparing the spin finish emulsion as described above.

Furthermore, we recommend to do a compatibility test before use. Suitable types and / or suppliers of bactericides are given on request.

For preparing a spin finish solution, only demineralized water should be used. It should be free of silicic acid and should have a water hardness of less than 0.5 °dH (= 0.63 °e (English) = 0.89 °f (French) = 8.90 °US (US-American) = 0.09 mmol/l Earth Alkali Ion concentration). The conductivity should be less than 0.5 µS/cm.

Recommended oil pick-up: 0.8 - 1.0 %

The oil pick-up on fibre is usually determined by extraction.

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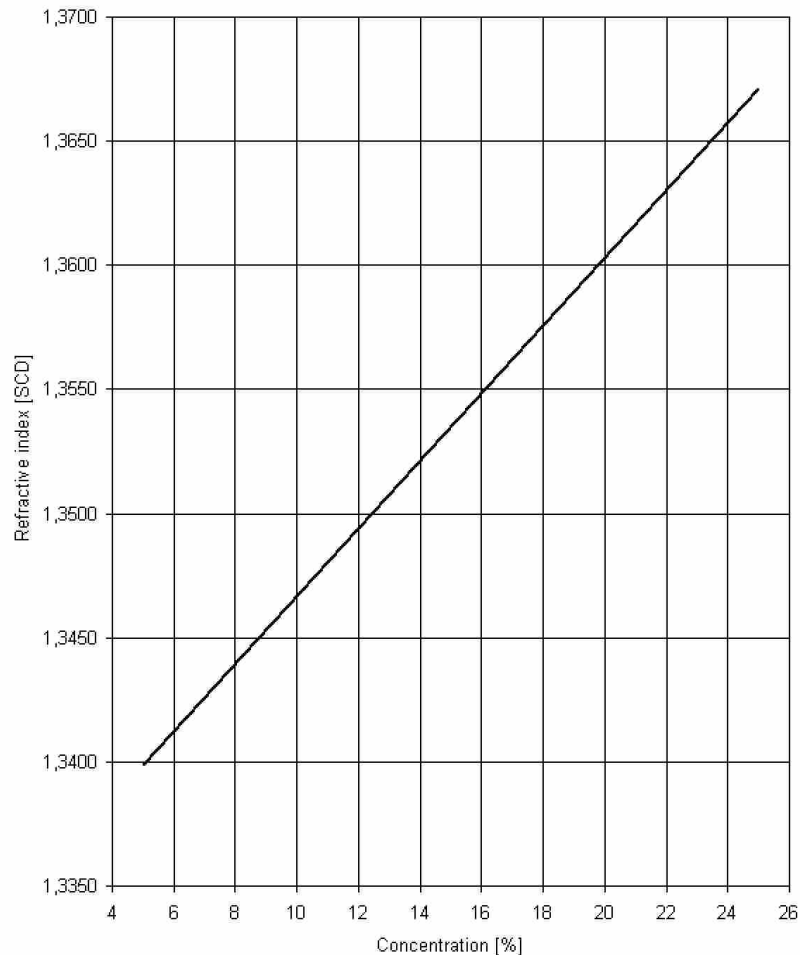
Stand: 13. January 2012

Page: 2 / 6



# Fasavin CP 124

## Spin finish for medium-soft-touch PP BCF



### Refractive Index vs. Concentration

Measuring instrument:

Abbe Refractometer

Temperature: 20 °C

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Stand: 13. January 2012

Page: 3 / 6

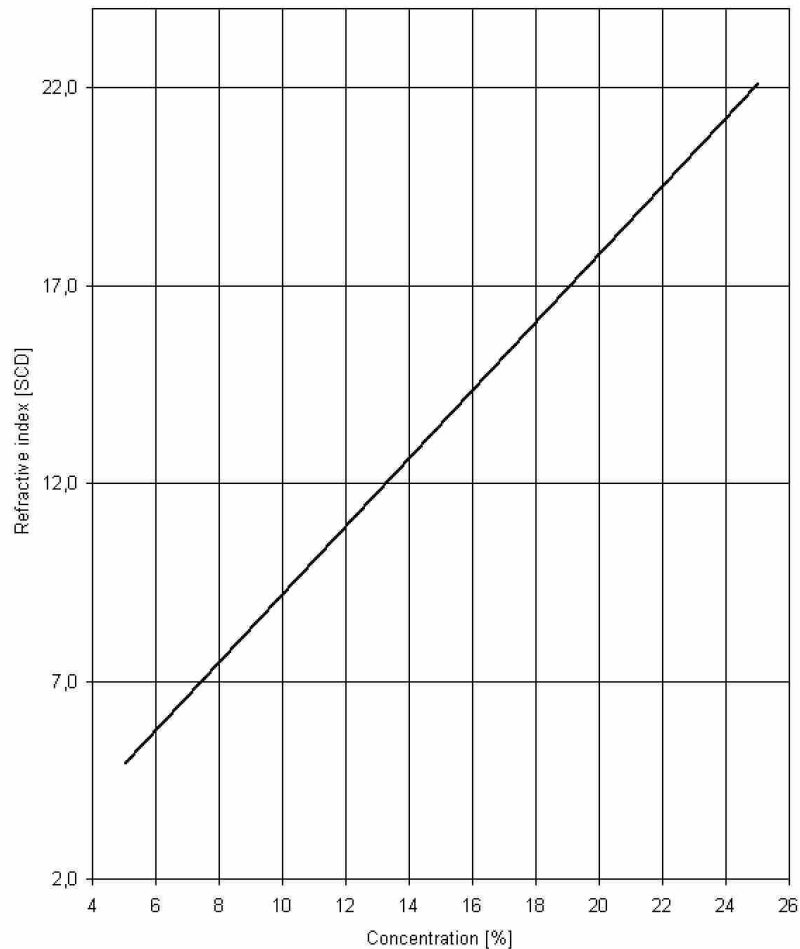



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## Fasavin CP 124

### Spin finish for medium-soft-touch PP BCF



#### Refractive Index vs. Concentration

Measuring instrument:

Kruess Refractometer

Temperature: 20 °C

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Stand: 13. January 2012

Page: 4 / 6

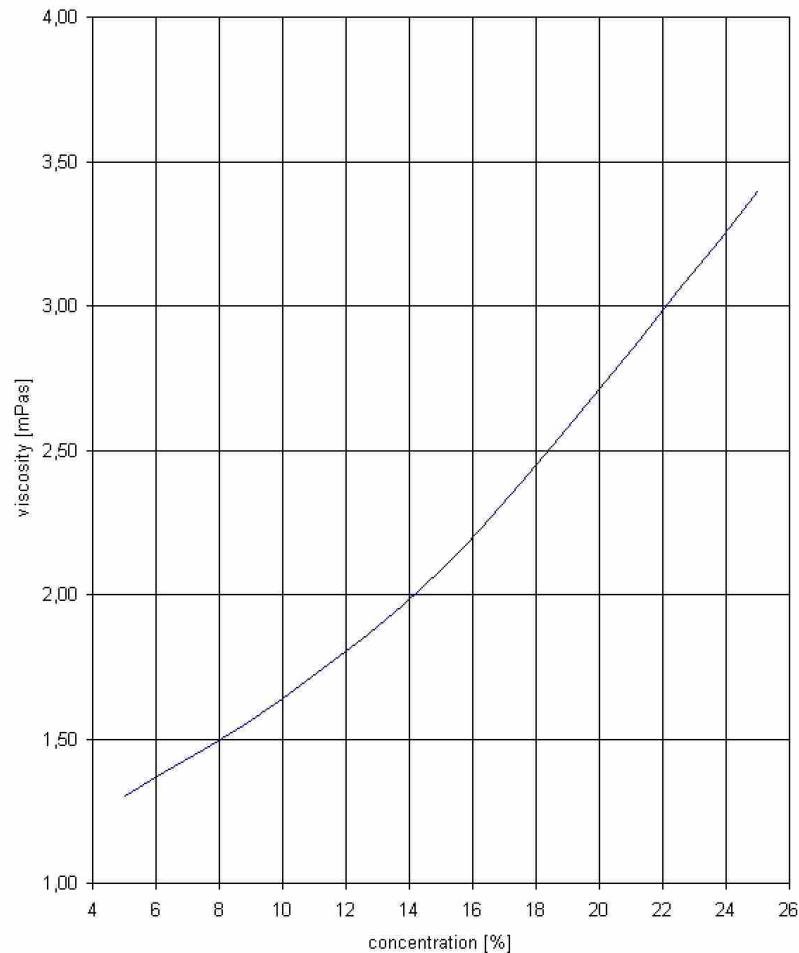



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### Spin finish for medium-soft-touch PP BCF



#### Viscosity vs. Concentration

Measuring instrument:

Ubbelohde Viscosimeter

Temperature: 20 °C

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Stand: 13. January 2012

Page: 5 / 6

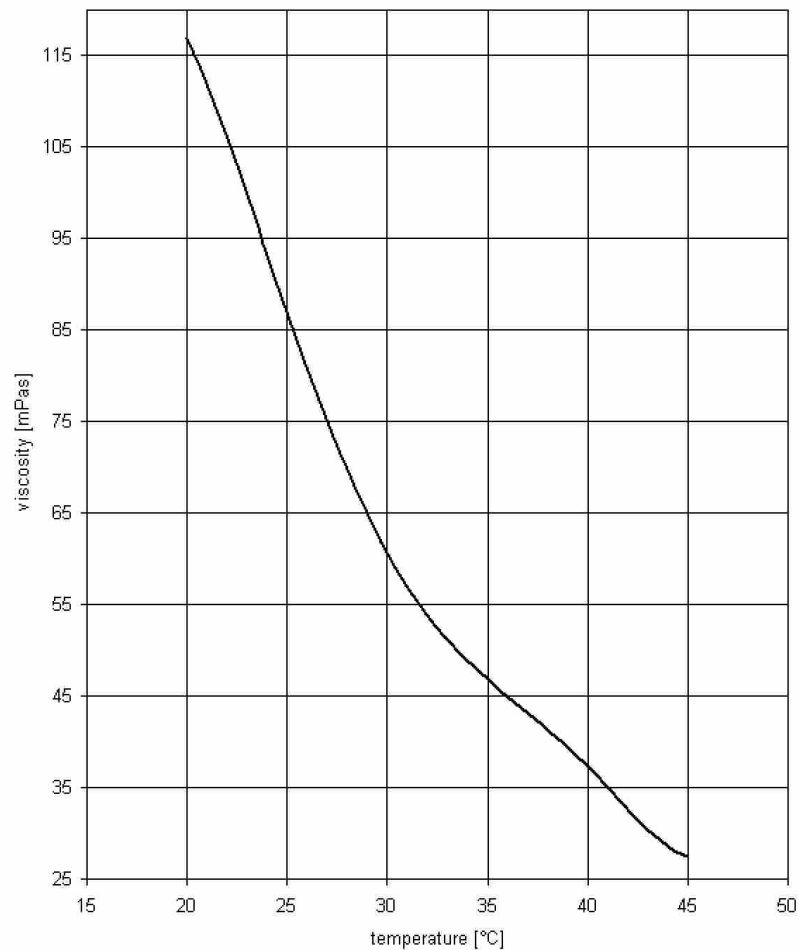



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#### Viscosity vs. Temperature

Measuring instrument:  
Ubbelohde Viscosimeter

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Stand: 13. January 2012

Page: 6 / 6




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