

Fasavin TC 1355

Spin finish for PET technical yarn

Chemical composition

Combination of esteroils, polyglycolcompounds and antistatics

Chemical data

Aspect	clear, yellow liquid, cloudiness possible
Density (20 °C)	approx. 0.91 g/cm ³
Refractive index (20 °C)	approx. 1.429
Viscosity (20 °C)	approx. 60 mPas
pH-value (10 %)	approx. 7
Flash point	approx. 107 °C
Active matter	approx. 99 %
Solubility	emulsifiable in demineralized water

Storage conditions

12 months if properly stored. The product becomes cloudy at temperatures less than 6 °C and solid at temperatures less than -8 °C. After influence of cold e.g. during transport; the product should be stored at a temperature of approx. 25 °C for several days. After thoroughly stirring it will be fully efficient again.

Application guidelines

Fasavin TC 1355 was designed for neat-oil application because of the following advantages: The product is applied directly to the yarn without any pre-work using the usual application devices. We recommend the use of oiler jets (preparation thread guides). We can offer specially designed oiler jets for technical yarn applications. Please do not hesitate to contact us. The results have already convinced machine manufacturers throughout the world.

In comparison to solution application the neat-oil application represents many advantages:

1. Higher yarn tenacity is achieved since the temperature from the godets is directly transferred to the yarn. Using solution application energy will be lost evaporating water.
2. Bacteria problems do not occur. This saves expensive cleaning time and bactericides.
3. Spin finishes for neat-oil application do not generate additional work. They can be readily used as delivered. No solution preparation or determination of concentration is required.

This saves time and money together with an increased efficiency and better yarn quality.

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.

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The low viscosity enables you to use of Fasavin TC 1355 at room temperature; thus, no heating prior to application is necessary.

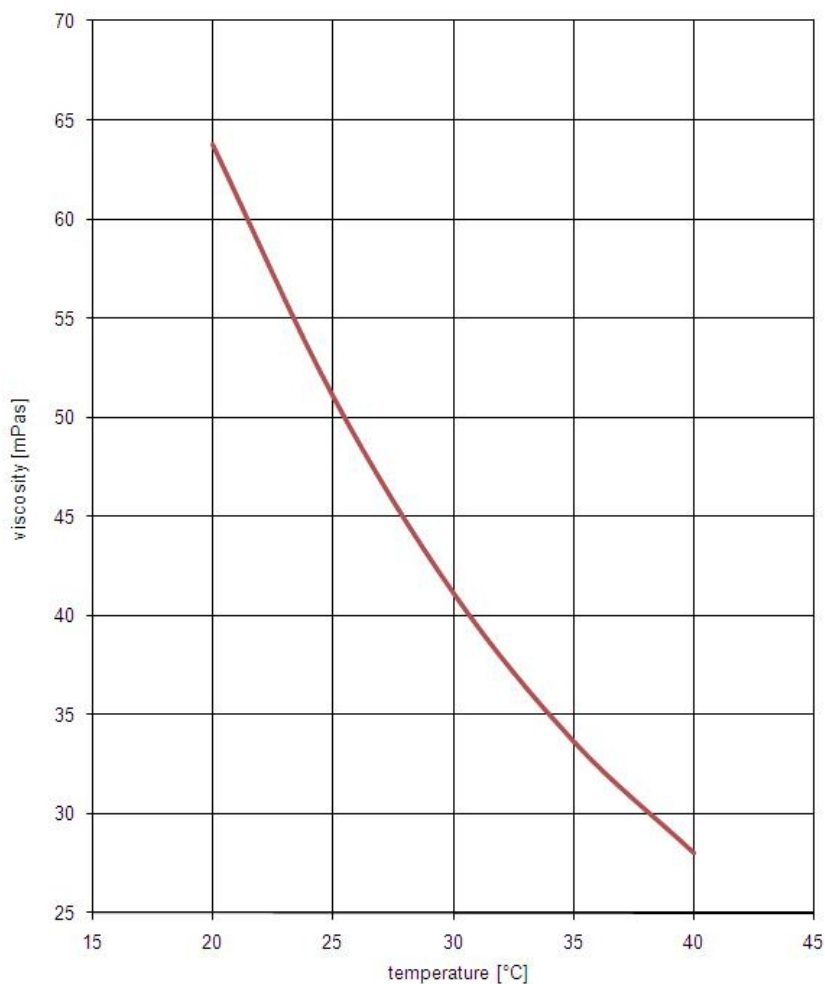
Due to the excellent wetting properties, Fasavin TC 1355 shows a high affinity to the fiber, resulting in an even distribution on the yarn. Highly thermostable lubricants guarantee very low deposits on godets, which are easy to remove and nearly no smoke. This, together with the good yarn/bundle cohesion, ensures good running properties in yarn production and aftertreatment processes.

Fasavin TC 1355 is applied to the yarn in neat oil application by means of the usual application devices.

Recommended oil pick-up: 0.6 - 1.0 %

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Viscosity vs. Temperature

Measuring instrument:

Ubbelohde Viscosimeter

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