



Technical Data Sheet

Product Name: Rheological Agent YRFC-CBA (special for wrinkle plastic runway)

Characteristic Description:

Appearance:	Amber transparent liquid
Colour (Fe-Co):	≤8
Density (g/cm ³ , 25°C):	1.149
Viscosity (mPa.s, 25°C):	200±100

Unique Performance and Application:

As is well known, solid state thixotropic wax powder and wax paste are necessary materials for the production of wrinkle plastic runways. When used, various operations such as high-temperature melting and dissolution, high-speed dispersion, etc. must be carried out in the production workshop with the help of professional equipment. This is inconvenient to use, and the process is complex, increasing the probability of errors. For many years, the industry has been eagerly seeking a liquid high-efficiency thixotropic agent that is convenient to use and simplifies the process. YRFC-CBA is an innovative functional additive developed based on the above requirements, with the following characteristics: The characteristics are as follows:

- **It is liquid at room temperature and is convenient to be used.** Compared with the conventional solid rheological agent that needs to be heated and melted when used, the process is simple.
- **Flexible and convenient addition timing,** with the option of adding at the construction site, can instantly upgrade ordinary materials to high-end materials for wrinkle runway.
- **More excellent thixotropic effect.** A small amount of addition can achieve an excellent wrinkle effect.
- **The cost is low, and the performance is excellent.** Eliminating the need for heating electricity and time-consuming dispersed processes, significantly improving production efficiency, reducing accident rates, and reducing costs.
- **It does not affect the fluidity at high temperature, and is convenient to export materials from the reactor.**

User's Guide:

- It is recommended to add and stir evenly before discharging in the final stage of production to achieve the best usage effect.
- It is suggested to add while stirring, which can achieve the best effect. YRFC-CBA is not strongly recommended to be added by diluting with any solvent, which may cause precipitation failure due to incompatibility. It is not recommended to use non-polar solvents as they may reduce the effectiveness of YRFC-CBA to varying degrees;.
- For polyurethane materials, the upper limit threshold of the general addition amount is 6% of the weight of polyurethane resin. The more added, the more obvious the effect is.
- It is strongly recommended to keep it sealed after use! The effect of pure YRFC-CBA may be weakened after absorbing water, but the influence of water in the mixed material on YRFC-CBA is very small and can be ignored.

Package & Storage:

25kg/200kg in HDPE drum

Product should be stored in a cool, dry environment away from sunlight, excessive heat and rain.

Shelf Life: Pay attention to sealed storage. The unopened shelf life is 18 months from the date of manufacture.

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