

POWSIL™-11800

Hand Feel Modifier

INTRODUCTION

POWSIL-11800 is a hand-feeling modifier based on modified silicone, providing leather with a smooth, cotton-like feel.

POWSIL-11800 is widely used in top-coating treatments for water-based inks, coatings, leather, cardboard, and other applications.

BENEFITS

- Make the coating soft and oily, increase the coating cotton feeling.
- Non-yellowing, can be used to handle sensitive leather.
- Good stability, easy to use, can be used directly or simply diluted after use.
- With other hand feel agent, can achieve special hand feel.
- Combined with other cationic and non-ionic resins, it has a high cost performance.
- Not contain APEO, NPEO and other substances, more environmentally friendly.

TYPICAL PHYSICAL PROPERTIES

Appearance	Colorless to Yellowish Clear Liquid
Viscosity(25°C, mPa.s)	800~10000
pH value	5.0~7.0
Ionic Character	Weakly cationic
Solubility	Dissolve in any proportion with water

APPLICATION

POWSIL-11800 is suitable for all kinds of water-based ink and paint, leather, cardboard and other industries, as a surface treatment agent.

Use in the paper touch oil, with matte velvet resin, adds 1.5-2% to increase the velvet.

Can be simply diluted or proportional directly added to use, stir evenly before use.

The recommended dosage is 0.3-3%, or according to different performance requirements.

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PACKING AND STORAGE

In the original unopened packaging, POWSIL-11800 has a shelf life of 12 months in normal temperature conditions.

POWSIL-11800 should seal and store away from light. Temperatures below 5°C or too high may cause water dispersion to caking and delamination. Use as soon as possible after opening, and cover the container tightly when not in use.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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