

SILIT-PUW5840

TECHNICAL DATA SHEET

Introduction

SILIT-PUW5840 is one non-fluorinated polyurethane composite as water repellent agent, which has excellent water repellent performance for polyester, nylon, cotton, T/C textiles, and the fabric feels soft after finishing, no hand scratches, has little color change, mainly used for fabric environmental protection fluorine-free water repellent finishing.

Properties

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|--------------|---|
| ➤ Appearance | White to off-white emulsion |
| ➤ pH value | 4.0 ± 1.0 |
| ➤ Ionic | Weak cations |
| ➤ Solubility | Can be diluted in any proportion with water |
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Performance

- Does not contain APEO, PFOS, PFOA and other banned substances, environmentally friendly fluorine-free water repellent agent.
 - Single water repellent finishing, good washing resistance, adding bridging agent to improve washing resistance significantly;
 - After finishing, the fabric feels soft to the hand and the white hand is very light
 - Good stability and good continuous performance
 - The discoloration is small, which does not affect the cracking properties of the fabric
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Reference process

Fluorine-free water repellent agent **SILIT-PUW5840** is mainly used for dipping, according to the type and requirements of the fabric to apply different amounts, the addition of cross-linking agent (1/4~1/6 of the amount of waterproofing agent) can improve the washing resistance. The basic process is as follows:

SILIT-PUW5840 60 ~ 100 g/L

One dip and one padding, drying, baking at 140~180 °C for 30~50 seconds.

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For best results, the fabric used for finishing must be well removed from chemicals such as dyes and surfactants adhering to the fabric; Other such as resin, softener, etc. Please do a compatibility test in advance, otherwise it may affect the waterproof effect and the stability of the working fluid.

Package

Packed in 120kg or 200kg plastic drums

Storage and shelf-life

When stored in the original unopened packaging at a temperature of between +2°C and +40°C, **SILIT-PUW5840** can be used for up to 12 months after the date of manufacture marked on the packaging (DLU). Comply with storage instructions and the expiry date marked on the packaging. Past this date, SHANGHAIVANA BIOTECH no longer guarantees that the product meets the sales specifications.
