

# SILIT-PUW5842

## TECHNICAL DATA SHEET

### Introduction

**SILIT-PUW5842** is a non-fluoropolyurethane water repellent agent, cotton, T/C, polyester, nylon textiles have excellent water repellent performance, after finishing the fabric has a better feel, no hand scrach, color becomes smaller, excellent washing resistance, multiple washing still has a good water repellent effect, mainly used for fabric environmental protection fluorine-free water repellent finishing.

### Properties

- |              |   |
|--------------|---|
| ➤ Appearance | White to off-white emulsion                 |
| ➤ pH value   | 4.5 ± 1.0                                   |
| ➤ Ionic      | Weak cationic                               |
| ➤ Solubility | Can be diluted in any proportion with water |

### Characteristics

- Don't contain APEO, PFOS, PFOA, formaldehyde and other banned substances, environmentally friendly fluorine-free water repellent agent;
- Single water repellent finishing, good waterproof lifting, poor oil-proof performance; It has good washing resistance, and the addition of bridging agent has significantly improved waterproof and washing resistance;
- After finishing, the fabric feels soft to the touch and the color changes less;
- After finishing, the coating fastness of the fabric has little influence and does not affect the subsequent coating processing;
- Good stability, good continuous performance.

### Reference process

#### 1.Ordinary water repellent fabric finishing

**SILIT-PUW5842** 50-80 g/L

dipping, drying and baking at

#### 2.Washable and water repellent fabric finishing

**SILIT-PUW5842** 50-80g/L

Crosslinker 10-16 g/L

Soaking, drying and baking at 160°C~180°C for 40~60 seconds.

Add:2-C03Room,2 Build, No. 1588 of Huhang Road , Shanghai City, China.

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#### Notes

For best results, the fabric used for finishing must be removed from all processing aids and dye floats When used in the bath with other additives (fixing agents, softeners, antistatic agents, stiffeners), a small test is required, otherwise it may affect the waterproof effect and the stability of the working fluid.

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#### Package

Packed in 120kg or 200 plastic drum.

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#### Storage and shelf-life

When stored in the original unopened packaging at a temperature of between +2°C and +40°C, **SILIT-PUW5842** 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.

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