



# SILIT-FUN3180

## TECHNICAL DATA SHEET

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### Introduction

**SILIT-FUN3180** suitable for anti-UV finishing of cellulose and nylon fibers. It can significantly improve the UV protection of cellulose and nylon fibers with minimal impact on shade and whiteness of finished fabrics.

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### Properties

- Appearance: Whiteemulsion
  - pH : 5.0~7.0(1% water solution)
  - Ionicity: anionic
  - Effective ingredients: 27~29%
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### Characteristics

- Significant absorption effect on UV (280~ 320 nm) and high UPFvalue.
- Fluorescence of the finished fabric can be reserved at the maximum level and negligible influence on the fabrics whiteness and color shade
- FabricsTendering due to sunlight degradation can be prevented and improve the anti-aging property of fabric.

### Chemical Characteristics

Reactive ultraviolet absorber compound of triazine

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### Applications

#### a.One-bath processing of dyeing of Nylon and cotton:

Anti-UV **SILIT-FUN3180** 3~10%

Dyestuff/OBA x%

Leveling agent 0.5%

Adjust pH level to 4.5 by acetic acid or other buffer liquid, L.R. 1:8~10,  
100~102°C/45~60min.

#### b. padding method:

Anti-UV**SILIT-FUN3180** 10~30g/L

Pad(pick-up 75%)→ Dry→ Baking.

Product may appear stratification but stirring easily before application and its properties are not affect.

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**Package**

SILIT-FUN3180 is available in 50KGkg plastic drums.

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**Storage and shelf-life**

12 months in closed original containers

recommended storage temperature:at +3to + 35°C

The drum has to be tightly closed immediately after sampling or use. Past this date, **SHANGHAI VANA BIOTECH** no longer guarantees that the product meets the sales specifications.

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