Fluffy finishing agent
WF-8208T

Chemical Structure

Segmented organosilicon polymers

Technical Index

Item	Standard
Appearance	Colorless to pale yellow transparent liquid
Solid Content, %	76-80%
PH Value (1% water solution)	7.0-8.0
Ionic	Cationic/Nonionic

Features and Advantages

1. Soft and fluffy with low slipperiness.
2. Low yellowing.
3. Good permeability, allowing silicone oil to penetrate into the fiber interior, causing the fiber voids to expand and thus achieving a particularly fluffy effect.
4. Excellent chemical stability. Application scope: Suitable for fluffing treatment of cotton, cotton-polyester blends, polyester-acrylic blends and polyester fabrics.

Application

Mix the material in a ratio of crude oil to water at approximately 1:3. Add 2.5-3% acetic acid to the crude oil. Dissolve the material in cold water (if the temperature is low, it can be appropriately raised to 35-40 degrees). First, add the crude oil and acetic acid, or add a solvent or emulsifier to emulsify it. Then, turn on the stirrer and gradually add water to the reactor in portions of 0.1, 0.2, 0.3, 0.4, and 0.5 parts respectively, with each addition lasting for half an hour. This will result in a colorless and transparent emulsion. Stop stirring and filter out the product.
The self-emulsifying emulsion has a milky white appearance, while the emulsion with added solvent or emulsifier is a blue-transparent liquid.
1. Padding process: Use 1:4 diluted emulsion of crude oil at a dosage of 10-30g/L, and set.
2. Impregnation process: Use 1:4 diluted emulsion of crude oil at a dosage of 1.0-3.0% (o.w.f), for 20-30 minutes, then dehydrate and dry at 100-130℃.
Please adjust the detailed process according to the actual sample.

Package

120KG Plastic Drum or other packing on request. Sealed and light-proof storage.

ZHEJIANG WEIFENG NEW MATERIALS CO., LTD
Factory address: No.: 1, Ba'er Road, Jiangshan Economic Development Zone, Quzhou, Zhejiang, China
Website: www.wfchemistry.com
Email: info@wfchemie.com