Fine and smooth finishing agent WF-8713T

Chemical Structure

Polyether-modified block silicone oil

Technical Index

Item	Standard
Appearance	Colorless to pale yellow transparent liquid
Solid Content, %	68.0-70.0%
PH Value (1% water solution)	7.0-8.0
Ionic	Cationic

Features and Advantages

1. This product is a smooth polyether-modified silicone oil that can endow various fiber fabrics with an extremely smooth and soft texture.
2. It has excellent wash fastness, does not affect color fastness or color lightness, and can enhance the tear resistance and anti-wrinkle properties of fabrics.
3. It is suitable for all kinds of fibers and can give them an extremely smooth and soft silk-like hand feel.
4. It has excellent temperature resistance and shear resistance, and is highly adaptable to working environments.

Application

It is suitable for polyester-silk jacquard, blended jacquard, nylon, acrylic, polyester, cotton and various woolen fabrics.
1. Preparation method: Mix the crude oil (additional emulsifier and acetic acid are required) and water at a ratio of approximately 1:2. Use cold water for the preparation. First, add the crude oil, then start the stirrer and gradually add water to the reactor in five portions, each for 15 minutes. A transparent emulsion can be obtained. Stop the stirring and filter the product before discharging.
2. Impregnation method: Use 1-1.5% (o.w.f), impregnate at room temperature for about 20-30 minutes, then dehydrate, dry or set.
3. Padding method: Use 10-15g/L, one impregnation and one padding (or two impregnations and two paddings) → dry or set.
Please adjust the specific process through sample testing as appropriate.

Package

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

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