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## Taisoft SSK-50 Base

( Softening agent and lubricant for man-made fiber , especilly acrylic fiber and its blend, such as A/N , A/W , A/C )

### I. Properties :

- |                     |                                   |
|---------------------|-----------------------------------|
| 1. Appearance       | : light yellowish flakes ◦        |
| 2. Ionic activity   | : cationic ◦                      |
| 3. Main component   | : quaternary ammonium compound ◦  |
| 4. pH value (1%Sol) | : $4\pm 0.5$ ◦                    |
| 5. Solubility       | : easily dissolved in hot water ◦ |
| 6. Storage          | : good storability ◦              |

### II. Features :

1. Taisoft SSK-50 Base make soft and smooth touch ◦
2. Taisoft SSK-50 Base cause no thermo yellowing when treated @100°C ◦
3. Excellent anti-static effect ◦
4. High dynamic smoothness and elasticity ◦
5. Resistant to hard water ◦
6. Taisoft SSK-50 is good raising agent for acrylic fiber ◦
7. No influence on the color shade and fastness ◦

### III. Dilute method :

Heating water to 80°C , then put Taisoft SSK-50 Base and HAc (acetic acid) adjusting pH=5 and stir (remover) it gradually raising the temperature to 90°C until completely dissolved ◦ Normally the stock solution is 10~15% ◦

### IV. Application :

Taisoft SSK-50 Base can be used for exhausting (agotamiento) or padding (continuous) method. The required quantity depends on the kind of textiles and their process ◦

Normally, 3~5% owf (10% stock solution) is recommended ◦

\*\*\* owf means on weight of fiber

## **VI. Test method and result :**

Put 5 grams acrylic yarn (19/2) in 2% owf softener solution (10%) ,  
liquid ratio 1:20 for 10 mins at 98°C , then wash and dry it completely .

**\*\* (19/2) is the specification of fiber.**

Softener	softness and elasticity
Taisoft SSK-50 Base	◎
softener A	◎
softener B	○
softener C	△ ~ ○

◎ : best

○ : good

△ : not good