

# STIFF COOLING AND SMOOTHING AGENT CM-380

## ● Chemical Composition

- ☆ Special modified silicone material with an organic emulsion

## ● Technical Specification

- ☆ Appearance : transparent to pale yellow liquid
- ☆ Ionicity : weak cationic
- ☆ PH value : 5~7
- ☆ Solubility : can be dissolved in water at any proportion

## ● Properties

- ☆ Give fabric silky-smooth, exquisite and cool feeling;
- ☆ Enhance the elasticity of fabric, and impart outstanding elastic, stiff and smooth handle to fabric;
- ☆ Improve the color brightness of fabric;
- ☆ Minimal impact on the whiteness and color of fabric;
- ☆ Has good alkali and high temperature resistance, anti-electrolyte property and excellent anionic resistance;
- ☆ Hydrophilic;
- ☆ Especially for stiff and smooth treatment of cotton Lycra, mercerized cotton and modal fabrics.

## ● Field of Application

To give soft, smooth and cool feeling of cotton, cotton Lycra fabric, mercerized cotton, cotton/nylon, T/C, polyester/viscose, modal fiber and blended fabric.

## ● Application

Ice feel smoothing agent CM-380 is suitable for padding and dipping, and can be used alone or be compounded with other products according to the style requirement.

- ☆ Padding : Dosage : 5~30g/L (for normal soft treatment)  
40~100g/L (for functional cooling treatment)  
Process : one dip and one pad or two dips and two pads.
- ☆ Dipping : Dosage : 2~8% (o.w.f)  
Temperature : room temperature  
Time : 30mins                      Ratio : 1:10~15

## ● Storage and Packing

Shelf life : six months when store in cool, dry and shaded warehouse

Packing : 120kg plastic drum

○ Compatibility of other auxiliaries and process need to be checked before application.



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