



Evcare PCM

Evcare PCM is a micro-capsule temperature control agent. It has constant phase inversion temperature. When room temperature is up to phase inversion temperature , Evcare PCM start to phase inversion, absorb or release temperature of fabric then make people feel comfortable. Evcare PCM is safe to body and environmental friendly. It's suitable for underwear, shirt, bedding etc. The surface of treated fabric can keep temperature steady and make people feel comfortable.



Nature	Compound of special heat storage phase change materials
Appearance	Milky white liquid
Ionicity	Anionic
pH	5.0-7.0
Solubility	Easily soluble in water

Characteristics

1. It's suitable for any kind of fabric and garment bedclothes etc
2. Absorb and release heat through the phase inversion to control the temperature of fabric, make people feel comfortable
3. Non-toxic, non-irritating to skin and comfortable to wear
4. Environmental friendly

Application	Padding	Evcare PCM	80.0-180.0g/L
		Temperature	About 25°C
		Liquor pick up	Approx. 70-80%
		Dry at 80-100°C	
	Dipping	Liquor ratio	8:1 – 10:1
		Evcare PCM	8.0-15.0%
		Temperature	40-50°C
		Time	20-30min
		Dry at 80-100°C	

Storage

If stored properly in its original sealed packaging the shelf life is at least 12 months. Storage temperature at 0- 40 °C will cause an increase of the color number. Once the package barrel is opened, it should be used as soon as possible, if not, please seal the left well.

Safety

We know of no ill effects that could have resulted from using this product for the purpose for which it is intended and from processing it in accordance with the current practice. According to the experience we have gained up to now and other information at our disposal, the product does not exert any harmful effects on health, provided that it is used properly, due attention is given to the precautions necessary for handling chemicals, and the information and advice given in our Safety Data Sheet are observed.

Labelling

Please refer to latest Safety Data Sheet for detailed information on product safety.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.