Far-infrared radiation powder

FIR POWDER OC

FIR POWDER OC was designed to utilize the far infrared rays which are radiated from the human body. It has been developed and manufactured for cosmetics in 2001 based on technology of Down Jacket fiber, Down coat fiber, Quilt (Futon) fiber, Pillow fiber and so on.

Chemical structure

INCI : Synthetic Fluorphlogopite,Titanium Dioxide,Silica

中文名称(Chinese INCI Name) : 合成氟金云母·二氧化钛·硅石

CAS : 12003-38-2,13463-67-7,7631-86-9

EINECS : 215-479-3 236-675-5 262-373-8

Application

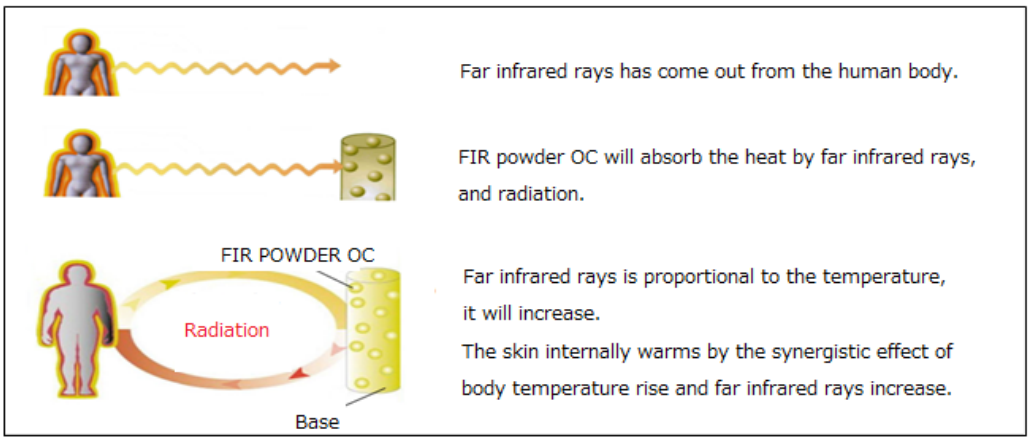
- Make up
- Massage slimming cream
- Eye Cream
- Hair color agent auxiliaries

Specification

Item	Specification	Analytical Method
Purity Synthetic Fluorphlogopite	88.2 ～ 94.2 w/w%	ICP
Purity (TiO2)	5.4 ～ 9.4 w/w%	ICP
Purity (SiO2)	0.4 ～ 2.4 w/w%	ICP
Lead(Pb)	＜10 ppm	ICP
Arsenic(As)	＜1 ppm	JSQI
Loss on drying	＜2.0 %	JSQI
Loss on ignition	＜5.0 %	JSQI

Features

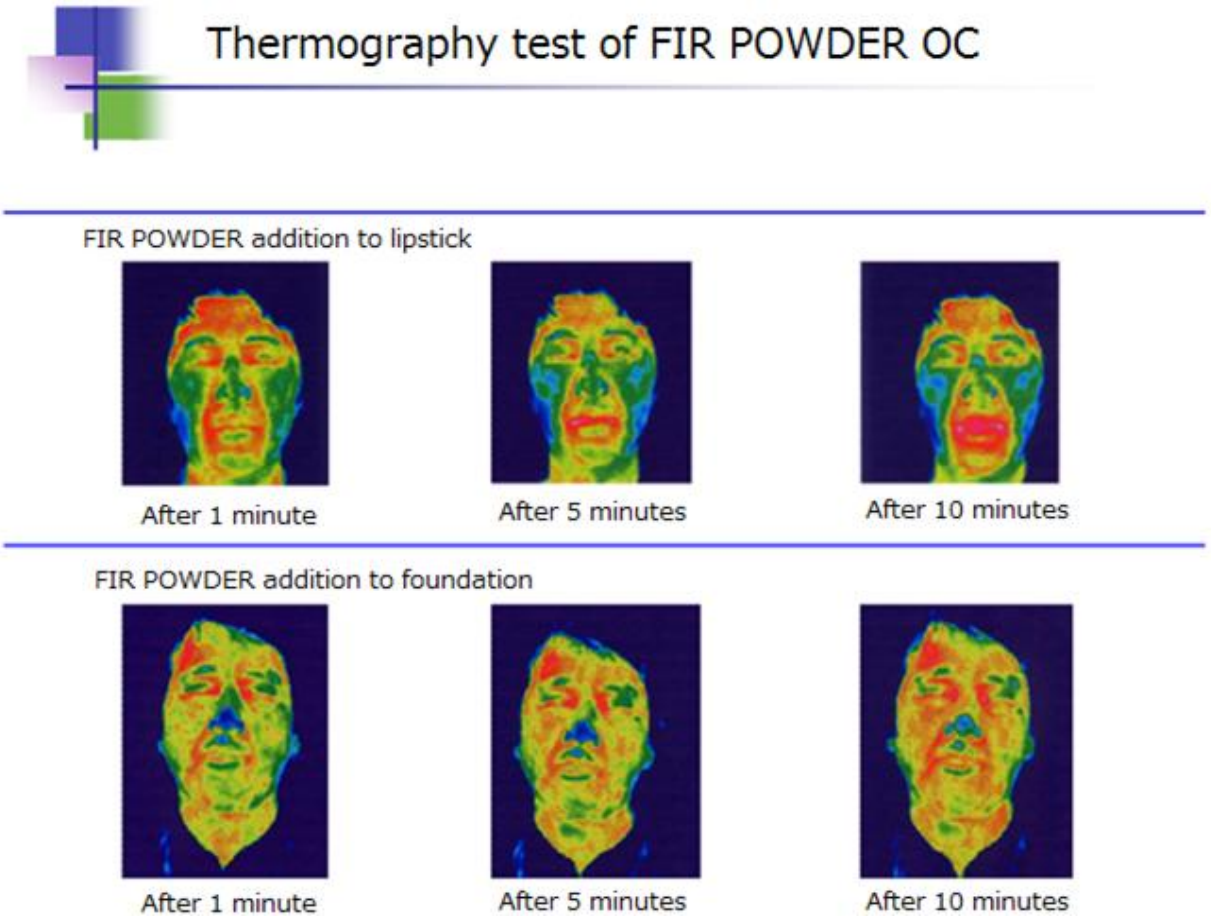
- Exellent whiteness and also almost oderless, it can be formlated into a variety products.
- The heat sources of our FIR POWDER OC is required by only our human-body. So it can be used as safety.
- FIR POWDER OC will be expected for our beauty effect by increasing blood flow because of far-infrared radiation.
- Unlike the other products such as Heat reaction like Iron oxide, Endothermic reaction like warming and inner wear Irritation heat like capsaicin, FIR POWDER does not feel the direct warming to the skin surface, but the temperature of the internal skin is actually up.



●FIR POWDER Radiation mechanism

OHCHEM COMMERCE CO.,LTD

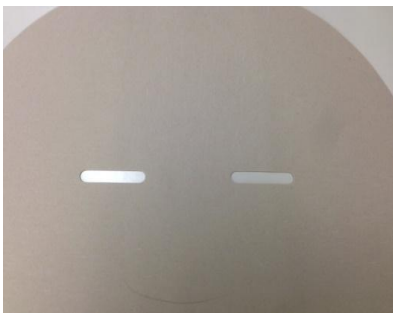
Test results



Appearance,Mixed product

●FIR POWDER OC
(Whiteness 90・d50 10μm)

●FIR POWDER OC 10%
mixed cream



●FIR POWDER OC mixed mask
(Kneaded to silicone rubber)

Material Information

Product Name	INCI	Appearance	Packing	Stock
FIR POWDER OC	Synthetic Fluorphlogopite,Titanium Dioxide,Silica	Powder	10kg	○

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