



## Nano-PT/FIR Cream

**Description** : We utilize technologies of nano-particlization and dispersion to well disperse nano-scale platinum and far-infrared-emitting particles uniformly on to a silicon film. The film could release bio-infrared energy (4~14  $\mu\text{m}$ , an electromagnetic wave that is close to what is released by human body) easily just under room temperature. The wave is able to resonate with human body, therefore, these products can effectively improve metabolism and general health of human body.

**Function** : Our products contain high activity nano-scale platinum (diameter below 20nm) having larger specific surface area and resulting in higher reaction rate, it comes with excellent catalyst ability. Highly effective anti-oxidation ability and lower potential, leading Nano-scale platinum to have well moisturization, The tiny parcels could release the bio-infrared energy (4~14  $\mu\text{m}$ , an electromagnetic wave that is close to what is released by human body) easily just under room temperature. The wave is able to resonate with human body, therefore, these products can effectively improve metabolism and general health of human body. Blood and tissue fluid circulation blocked from the affected parts leads to negative results, like rheumatic pain, should be eased by vasodilator and congestive inside the tissues, to conduct detoxification and secretion of metabolism.

Wintergreen oil, mint, and camphor are easily absorbed by human skin. They could reach the inner tissue through sebum and then improve the circulation of blood and tissue fluid, and consequently to proceed detoxification and secretion of metabolism. In order to raise the absorbance, essential oil is added to serve function as vasodilator and congestive inside the tissues. Meanwhile, vitamin E, cinnamon, mint, lavender, pepper is added to relieve tension. The cream could give you a mild special hot-and-cold feeling on your skin.

Therefore, our multi-functional Nano-PT/FIR Cream could help your muscle tissues absorbing the long wave-length energy to relief rheumatic pain of the affected parts and improve metabolism permanently.

**Application** : Suitable in health care, thermal condition, and medical products.

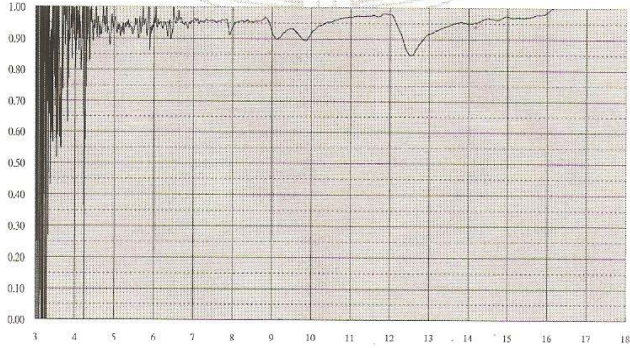
**Usage** : Mild massage in affected parts with appropriate dosage till absorbed completely. The Effects could sustain for 5-6 hours and be enhanced with hot towel or fresh-keeping Film capped above.




Testing report : As attached documents beneath.



The Silicone film made from these materials has a bio-infrared energy releasing rate of 94.9% tested by Chung-Shan Institute of Science and Technology Armaments Bureau.

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 試樣件數 No. of Pieces: 1  
 試樣名稱 Name of Sample: 奈米 Pt 複合遠紅外線粉砂膠片(灰黑色)  
 委託單位/地址 Name of Client / Address: 頂尖奈米科技股份有限公司/台北市大安區復興路一段 245 號 13 樓 (02)27553168

試驗項目 Test Items	試驗結果 Test Report	試驗方法 Test Methods
紅外線放射率	 <p style="text-align: center;"><b>E ( emissivity, 8.0μm-12.0μm ) = 0.949</b></p>	1.測試環境條件 Temp. : 20°C RH% : 60% 2.量測波長 3μm -12μm 3.測量樣品加熱溫度 60.5°C 4.量測儀器 FLIR-SC2000 5.規範 根據 ASTM-E 1933

量測人員:  審核人:  量測單位主管:   
 日期: 971125      日期: 971125      日期: 971202

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