

特性 Features

Graphene is a very stable carbon molecule arranged in hexagon shape and connected by carbon atom which is also the thinnest and hardest nano materials in the world. It has many features such as high electrical / thermal conductivity, strong tenacity and high intensity.

石墨烯是一種由碳原子按照六邊形進行排布並相互連接而成的碳分子，其結構非常穩定。石墨烯是目前世界上最薄卻也是最堅硬的納米材料，具有高導電性、高導熱性、高韌度和高強度等特點。

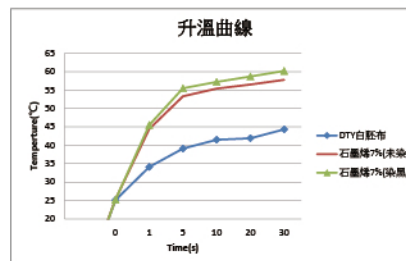
功能 Function

- ◆ High electrical conductivity - graphene can decrease surface resistivity, which helps to leak static electricity of fabric. Furthermore, it can also lubricate fabric surface to decrease the coefficient of friction which can reduce the level electric current and prevent itchy skin.
- ◆ Excellent heat conductivity – cloth made by graphene fabric can help to increase level of human body comfort through maintaining the ideal body temperature while wearing.
- 抗靜電: 石墨烯的導電性能可降低布料的表面電阻率，將靜電迅速洩漏。同時表面潤滑，能降低摩擦係數，抑制、減少電流產生，防止皮膚瘙癢。
- 導熱性佳: 石墨烯材料紡織品，可成為人體和外觀的篩檢程式和外部環境的過濾器，確保穿著者保持理想溫度。

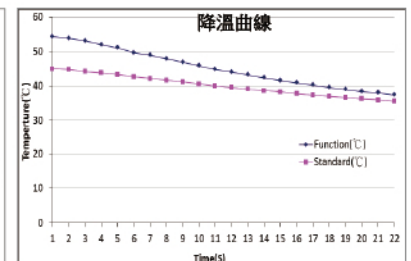
產品規格 Product specification

50/36/1; 50/72/1; 75/48/1;
75/72/1; 100/72/1; 100/144/1;
150/96/1; 150/144/1; 300/192/1

溫度調節 Temperature curve



Heating curve



Cooling curve



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