

# 01

## Specifications & Applications

Product No : KTT14079

Product Name :

Polymeric Nano-bioenergy T knitted fabric (PK)  
(Nano minerals polyester knitted fabric)

Ingredients : Kangde polymeric Nano-bioenergy fiber-T 100%  
Width / Code : 60" 180 g/y

### Application :

- Direct application : POLO shirt, underwear, doctor wears, nurse suit, patient clothing...etc.
- Coating waterproofing : trench coat, anorak jacket, waterproof sheet, apron, table cloth, backpack...etc.



KTT14079



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## Functional characteristic

### Polymeric Nano-bioenergy T knitted fabric (PK)

#### (Nano minerals Polyester knitted fabric)

- The function of deep tissue massage caused by magnetic energy can promote Microcirculation.
- Natural and comfortable, not irritate to skin, high ventilation, moisturize and no latching sense.
- Nano mineral textile can reduce the penetration of UV, reduce the damage of UV on human skin, and prevent sunburn.
- Negative Ion- Deodorizing and Antibacterial.

**Approved product information: Nano minerals Far Infrared Textiles**  
Conform to TN-022 Specified Requirements of Far Infrared Textiles

Test item	Qualification	Out product	Other product
Nano size	Grain size < 100nm	Measured value 63 nm	> 100nm
Far Infrared Spectral Emissivity	Before / after washing > 0.8 > also control sample 0.08	Before > 0.8 After > 0.8	Substandard
Re-radiation characteristics	Before / after washing Surface temperature > control sample 0.5 °C	Before +6.93 After +5.93	Substandard
Skin irritation test (PII)	< 2	0	> 2