

NanoRed II®

Dyeable Heat Warm Polyester Yarn

NanoRed II®, new generation of the heating yarn, is from 100% natural mineral. This new technology keeps you dry inside and out. The thermo additives in polymer absorb and retain body heat, and it also inhibits bacteria. This intelligent adapts to any activity for non-stop comfort and health.

Taiwan Textile Institute Test Report

Report No: TFF5F357 (NanoRed II® : S75P5 100%)

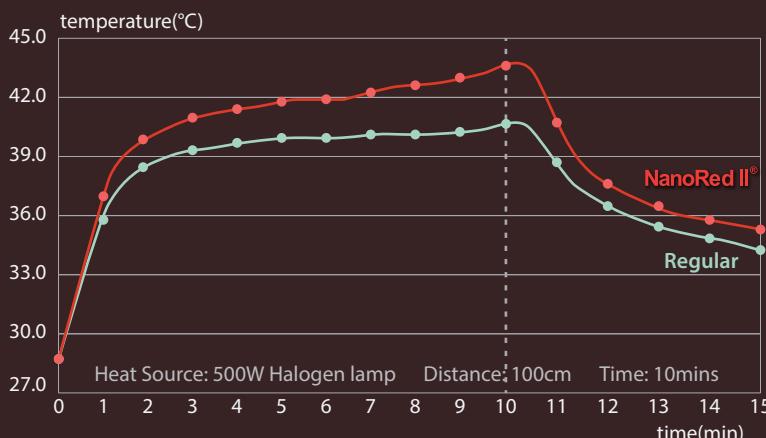
Test items	NanoRed II®	General
Before exposure (°C)	20.98	20.78
After exposure (°C)	28.50	25.81
Δ (°C)	7.61	5.03

Report No: TFF5F358 (NanoRed II® : S75P5 50%+general)

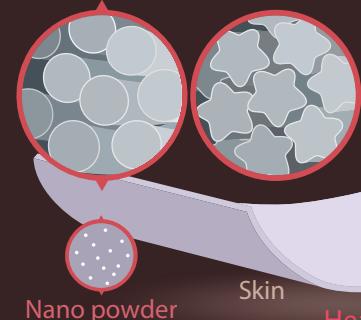
Test items	NanoRed II®	General
Before exposure (°C)	20.16	20.06
After exposure (°C)	27.04	25.03
Δ (°C)	6.88	4.97

Heat Source: 500W Halogen lamp Distance: 100cm Time: 10mins

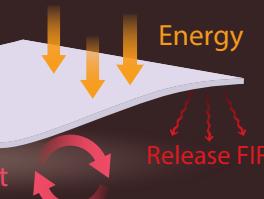
Comparison of the temperature rising curve



Circular Shape



Pentangle Shape



Features



100% natural mineral, skin-friendly, comfort



Permanent heating effect after wash



Good warming effect from body heat



Pass Anti-bacteria test
(Pneumonia & Staphylococcus aureus)



Flexible for any colors of dyeing
(White nano powders similar to regular polyester dye)

Application



Underwear, sports & casual wear



Bedding



Hat, scarf, gloves, and socks