

Springair® Cool Jade Yarn

100% natural inorganic minerals, safe, skin-friendly.

Please request an actual swatch since colors can vary on screen



Why Springair® Cool Jade Yarn

- Climate changes are great in degree.
- Global warming is not uncommon.
- Summer is very hot, but very cold in winter.
- Cool feeling in summer and a sense of warmth in winter have become a common demand of consumers.
- The ideas must also be necessary and advocated by the ones who have their own brand products.



Test methods and demands for Springair® Cool Jade Yarn

Test of phase 1 : Instant cool feeling (Momentary Touch Feeling of Warmth or Coolness)

Q-max Value Test : SGS KEF-F7 (THERMO LABOII)

20°C , Humidity : 65% , Delta T (ΔT)= 10 or 20 °C

Test of phase 2 : Remain the low temperature (Clothes on the body : longer time)

Cool Feeling Test : Intertek Tastex Cool-Ex-2008 Method

Test Temperature : 34.8 ± 0.3 °C, RH : 27 ± 3%

Test of phase 3 : Make people feel refreshed (Comfort during exercise)

Human Dynamic Test : Fully modeled by the TEF6K118 method tested by the

Taiwan Textile Research Institute (TTRI)



100% natural inorganic minerals, safe, skin-friendly.
Carbon Reduction and saving energy.

The manufacturing of Springair® CoolJade Yarn

Jade



powder



Grinding



Masterbatch



Springair® Yarn



Springair® Fabric



Springair® Apparel



Technical data of Cool Jade Yarn

Property	Method**	Conditions	Units	Value of Cool Jade Yarn	Value of Normal Yarn
Instant cool feeling (Momentary Touch Feeling of Warmth or Coolness)					
Q-max	SGS KEF-F7 (THERMO LABOII)	Temperature: 20°C Humidity: 65% Delta T (ΔT)= 10 or 20°C	w/cm ²	0.187	0.376
Remain the low temperature (Clothes on the body, longer time)					
Temperature	Intertek Tastex Cool-Ex-2008 Method	Temperature : 34.8 ± 0.3 °c RH : 27 ± 3% Irradiation : 60mins	°c	32.6	34.4
Make people feel refreshed (Comfort during exercise)					
Temperature of skin surface decreased	TTRI Fully modeled by the TEF6K118	Test Temperature : 28 ± °c, 60 ± 2%R.H	°c	1.2	0.7



Application of Springair® CoolJade Yarn



WoolCashmereYarn | Springair

