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

**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 ℃, 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® Cool Jade Yarn

Jade

powder

Grinding

Masterbatch

Springair® Yarn

Springair® Fabric

Springair® Apparel

www.springair-textile.net

Wei(alan) Jiang | springair@ysrj.net | jiangwei66888@hotmail.com | +86-13857116178
# Technical data of Cool Jade Yarn

<table>
<thead>
<tr>
<th>Property</th>
<th>Method**</th>
<th>Conditions</th>
<th>Units</th>
<th>Value of Cool Jade Yarn</th>
<th>Value of Normal Yarn</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instant cool feeling (Momentary Touch Feeling of Warmth or Coolness)</td>
<td>SGS KEF-F7 (THERMO LABOII)</td>
<td>Temperature: 20°C Humidity: 65% Delta T (ΔT) = 10 or 20°C</td>
<td>W/cm²</td>
<td>0.187</td>
<td>0.376</td>
</tr>
<tr>
<td>Remain the low temperature (Clothes on the body, longer time)</td>
<td>Intertek Tastex Cool-Ex-2008 Method</td>
<td>Temperature : 34.8 ± 0.3°C RH : 27 ± 3% Irradiation: 60mins</td>
<td>°C</td>
<td>32.6</td>
<td>34.4</td>
</tr>
<tr>
<td>Make people feel refreshed (Comfort during exercise)</td>
<td>TTRI Fully modeled by the TEF6K118</td>
<td>Test Temperature : 28 ±°C, 60 ± 2% R.H</td>
<td>°C</td>
<td>1.2</td>
<td>0.7</td>
</tr>
</tbody>
</table>
Application of Springair® Cool Jade Yarn

International Mega Brand Assigned Supplier

WoolCashmereYarn | Springair