



LOW IMPACT

PRODUCED BY ECOFIBRE ADVANCED TECHNOLOGIES

KINETICCOOLTM
frost

ADVANCED SOLUTIONS FOR PREMIUM BRANDS
www.lowimpact.technology

Dramatically Versatile Cooling

KinetiCool® represents a breakthrough in cooling technology, offering a natural and sustainable solution to beat the heat, for long lasting cooling comfort.

The permanently embedded particles within the yarn are designed to reflect and conduct heat efficiently, enhancing evaporation from the skin. This results in swift dissipation of heat, facilitated by amplified evaporation, reflection and superior conductivity.



Key Benefits

PROLONGED COOLING EFFECT

ENHANCED EVAPORATION

EXCEPTIONAL ABSORBENCY

VERSATILE APPLICATIONS

Optimal Performance

KinetiCool® offers versatile options, blending seamlessly into virgin, recycled or bio-polymers, ensuring that you have cooling solutions tailored to your specific needs



Effusivity Testing

We tested KinetiCool® against leading industry cooling technologies using a **thermal effusivity test**. This test demonstrates how quickly heat is transferred through a material, providing valuable insights into its thermal conductivity and showing how KinetiCool® drastically outperforms other cooling technologies.

TYPE	THERMAL EFFUSIVITY (Ws ^{1/2} /m ² K)
Virgin Polyester	254
Competitor LDPE (white)	304
Competitor LDPE (indigo blue)	296
KinetiCool®	338