

Antibacterial and deodorizing fibers

SMARTCEL™

A blend of 10% or more is effective.

- **SMARTCEL™ is rich in zinc.** Zinc is an essential element for humans, present in the body and involved in core bodily functions. It strengthens the immune system and the body's defenses, and affects sensory functions and fertility. Zinc also enhances metabolic function and prevents symptoms of metabolic disorders.

- **The world's only white, dyeable, and effectively antibacterial natural zinc oxide cellulose fiber** The added zinc oxide is medical grade IV, fully compliant with international medical DAB10 standards, and can protect the skin without causing harm to the human body.

Antimicrobial Fabric Test: AATCC 100:2004		(After 20 washes)
Microorganism type		Microorganism reduction rate
Staphylococcus aureus		99.9%
Pneumobacillus		99.9%
Test Information: Fabric contains 20% SMARTCEL™ antibacterial and deodorizing fibers		
Source of information: TTRI, Report Number: TC112353		

Deodorizing Test: FTTS-FA-018-2008			(After 20 washes)
Ammonia Deodorizing Capability		Blank test sample	SMARTCEL™ sample
0 hours	Initial PPM	100	100
2 hours	Remaining PPM	95	14
	Deodorizing capability (%)	---	85
Test information: Fabric contains 20% SMARTCEL™ antibacterial and deodorizing fibers			
Source of information: TTRI, Report Number: TC112352			