

## CERAMIC

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It is composed of: titanium dioxide, silicon dioxide, aluminum oxide and zinc dioxide. These minerals are subjected to different processing steps to turn them into a nanometer-sized powder that is mixed with polyester and later extruded to obtain the thread, both filament and fiber. This thread is used for the production of fabrics that, thanks to the presence of the minerals it contains, are capable of absorbing and reflecting the heat of the human body, allowing an advanced form of photo-treatment, since it does not require a source active light, but uses reflected light generated by body heat. Once stimulated by heat, the minerals present in the thread reflect high levels of light in the bioinfrared band (F.I.R) that penetrate the cutaneous and subcutaneous layers and interact with the water molecules and organic compounds present in the fabric. Therefore, ceramic fibre is capable of reflecting FIR rays, that is, a type of electromagnetic waves of reduced length belonging to the spectrum of sunlight and similar to its invisible radiations (gamma

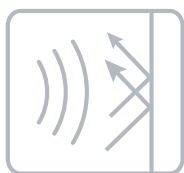


rays, x-rays and ultraviolet rays). Fiber reflects up to 31.26% of the infrared radiation emitted by the human body, which contributes to blood pressure loss and body thermoregulation. It increases the levels of collagen and elasticity of the skin, being suitable in the treatment of aged skin, improving its texture and its softness and elasticity.

## FIBER PROPERTIES

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- Reflects infrared radiation
- Thermoregulator
- Beauty
- Anti-stress



Reflects infrared  
radiation



Thermoregulator



Beauty



Anti-stress