

## GASTROLUX's Frequently Asked Questions

There are good reasons why cheap fry pans are cheap. Gastrolux never argues about the price! A good workmanship, the use of best available raw materials and the modern technology have their price!

Q What is BIOTAN?

A BIOTAN is a trademarked product. It is worldwide the first coating of its kind, invented, discovered and used only on Gastrolux pans.

Q What is unique about this product?

A Gastrolux uses for their coating Natural Bio-Minerals.

Q What are Bio-Minerals?

A Nature uses supportive frames from silica out of herbal and animal life. Like Diatoms in our ocean and from the flower "Horsetail". Over the time of millions of years the dead Diatoms drop to the ground of the ocean and build up Bio-Minerals and Diatomaceous-Earth.

Bio-Minerals are as well very healthy for your body and are available in Health-Food shops. Bio-Minerals are, for example, important components for healthy and strong fingernails and hair.

Bio-Minerals are mineralized bones, shells and smallest creatures built up to a strong, hard and resistant coating over millions of years.

Q Where can you find Bio-Minerals?

A Everywhere in the world. Bio-Minerals used to coat Gastrolux are from Scandinavia.

Q What do Bio-Minerals look like?

A They look like very very fine dust, like sediments on the ground of the ocean. Millions of years ago a lot of land was covered by sea. Over the years the earth moved and sea became land. Bio-Minerals are abolished in mines.

Q What exactly do Bio-Minerals do in the Surface-Refinement by Gastrolux?

A Exactly the same that your skeleton does in your body: they support and stabilize your whole body. Imagine, Gastrolux lays a skeleton of Bio-Minerals into the pan and fills up this grid with a Biomidal Ceramic-Coating.

Q What is the benefit of Bio-Minerals in a Gastrolux pan?

A They stabilize the surface and make it harder.

Q Why BIOTAN and NANO?

A NANO was invented and used worldwide the first time by Gastrolux to refine the surface of pans. NANO allows Gastrolux the structure and the Surface-Refinement for a perfect even

coating. Because of using NANO with Bio-Minerals Gastrolux surface is absolutely stable, non-porous and has a fantastic non-stick effect.

Q Why does Gastrolux not use Titanium pans?

A It is correct that Gastrolux invented, back in 1986, the manufacturing process of Titanium-Oxide as Surface-Refinement for pans. However, whoever says he has a Titanium-Pan does not tell you the truth! There is already huge difference between Titanium and Titanium-Oxide! By the way, it is a technology that was invented over twenty years ago and is an invention out of the last millennium. As well, if someone tells you that the surface of their pan is Titanium or Titanium-Oxide they do not tell you the truth either. Because the Titanium-Oxide or the Titanium is on the pan body and the surface is a simple PTFE-Coating (this coating is well known for example under the trade name of Teflon).

Q What is the difference between Titanium and BIOTAN?

A Titanium or Titanium-Oxide does not harden the frying surface. It is only a surface between the raw pan-body and the non-stick coating. The Bio-Minerals by Gastrolux are not under the non-stick coating, they are a part of the non-stick surface.

Q Why are there still so many "Titanium-Pans" out there?

A That's simple: Gastrolux as the pioneer in pan manufacturing was and will always be copied. Or why is it that since the world premium of NANO suddenly is on, so many products bearing the perception "Nano Technology" crop up? For Gastrolux, *Stagnancy is Regression*. Titanium or Titanium-Oxide is a manufacturing process of the last millennium.

Q Is BIOTAN tested?

A Yes. Over a period of more than five years during its intensive development.

Q What makes BIOTAN so modern and contemporary?

A It is the ambition of Gastrolux, to encourage healthy cooking. It is a fact if it comes down to product declaration, many of the manufacturers out of Asia and Europe do not fulfil the wishes of the consumers. Tests in independent laboratories testify misleading or a lack of information in acquisition of declarations. And this it not beneficial to anyone's health. BIOTAN does not contain any Perfluorotanylsulfonate (PFOS) and is subject to the strict regulation of the Government of Risk-assessment in Germany (Bundesinstitut fuer Risikobewertung BfR) and the EPA (Environmental Protection Agency of the United States) did not find any trace of Ammoniumperfluorooctanoate (APFO) or Perfluorooctanoic acid (PFOA).