

Why the choice fell on violet glass

Which glass best protects the precious Tethys? The choice fell on violet glass. It offers the best protection for the iodine contained in Tethys. The sun radiates both visible and invisible light. The visible spectrum becomes perceptible to our eyes when white light is directed through a glass prism.

At the same time, however, the light also includes a part that is invisible to the eye, which lies in the range of the electromagnetic wavelengths of infrared and UV-A. This is the same as the light that is visible to the human eye.

Sunlight enables the growth of all plants. If they remain exposed to the sun after the ripening process is completed, the effect of the light changes into the opposite and accelerates the molecular decomposition process.

Like a natural filter

Violet glass acts like a natural filter, permeable to sunlight, which protects and improves the quality of high-quality and sensitive substances.

Violet glass blocks the entire spectrum of visible light with the exception of violet. At the same time, it offers the transmission of a certain amount of radiation in the spectral range of UV-A and infrared.

This unique combination offers optimal protection against the aging processes triggered by visible light, thus prolonging the shelf life and effectiveness of products.

This is why precious olive oils, balsamic vinegars and red wines are bottled in dark glass bottles. Tethys contains iodine in the form of iodide. By the way, iodine is mainly contained as iodide in seawater - which converts to volatile elemental iodine in the air and under the influence of light.

Therefore, Tethys must be preserved in a dark glass bottle. In a glass that protects against visible light. We have chosen the violet glass as the packaging shell because it also offers the best protection and guarantees the unique quality of Tethys.