

STUDY OF CONSUMER PROPERTIES OF KONJAC SPONGES

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Introduction. At present, the range of cosmetic products is actively expanding and adding new manufacturers and products. The trend in their production lies in predominant use of natural ingredients.

Aim. Studying of consumer properties of certain skincare products in the form of sponges from the Asian plant roots.

Materials and methods. The object of the study was konjac sponge for washing, made of the root of the Asian plant *Amorphophallus konjac*.

Results and discussion. *Amorphophallus konjac* is considered a dietary product and is a vegetarian substitute for gelatin, from it in Asia cook desserts and jellies. Konjac is 97% of water, filled with minerals, thus having an ideal environment pH, which has a positive effect on the skin. That is why in Japan, China and Korea for many years, it is used in the beauty industry and medicine.

In the analysis of the range it has been found that this type of sponges is available in different shapes and colors. The color depends on the sponge's components that manufacturers add to provide certain cosmetic effect. For example, green sponge contains an extract of aloe vera. This plant contains a lot of minerals, vitamins and amino acids, which have a positive effect on the condition of the skin, smoothing out its defects and nourishing with necessary substances. But the main advantage of this sponge is that it has healing and regenerative properties. Purple sponge with lavender oil soothes and moisturizes irritated skin, relieves fatigue. Red sponge with clay contains French red clay, thanks to the properties of which it further helps to even out skin tone, moisturize it and even prevent wrinkles due to soft massage action.

In dry form by its hardness the sponge resembles a piece of stone, but being wet, it becomes soft, jelly-like, and very pleasant to the touch. Unlike other sponges for the face, it is not just cleaning, but also has excellent exfoliating action, as well as helping to strengthen the properties of a cleaning agent and cleans the pores. Konjac sponge contributes to liquid penetration to the upper layers of the epidermis, thus moisturizing and making the skin more elastic.

Conclusions. Therefore, we can conclude that the konjac sponge due to its consumer properties, exhibits good effect and is suitable for various skin types, at its use there is also no need to the additional use of other cosmetic products.