

a 2004 0011

The invention relates to the building materials and may be used for ceramics production and as filler of polymeric materials and paints.

Summary of the invention consists in that the charge for wollastonite synthesis contains one silicic component from the group of tripoli, flask, diatomite and one calcium carbonate component, representing a waste – filter cake of sugar production and which was preliminarily treated at the temperature of $350\pm 5^{\circ}\text{C}$, and the components are contained in the following ratio, mass %:

silicic component 29...34

treated cake 66...71.

The thermal treatment of the filter cake of sugar production favours the increase in the reactivity of calcinates that leads to the reduction of wollastonite synthesis time.

Claims: 1