

The proposed invention relates to the field of production of mineral fibres in particular compositions for production of continuous inorganic fibres by means of their spinning from a melt of basalt materials. The composition includes silicon oxide SiO_2 , aluminium oxide Al_2O_3 , ferric oxide Fe_2O_3 , calcium oxide CaO , magnesium oxide MgO , potassium oxide K_2O and sodium oxide Na_2O and according to the invention titanium oxide TiO_2 and ferrous oxide FeO are added to the composition. The main aim of the proposed invention is establishment of conditions that exclude high wetting and blocking of spinning area by melt. It is achieved by means of selection of optimal ingredients and their ratio in the composition that allows reducing the diameter of unit thread down to $4.0\text{ }\mu\text{m}$.