

The invention relates to a process for preparation of mineral fibers from the melt of rocks. Obtaining fiber is passed by heating basalt rock, heating thereof to the temperature of melting, homogenization of the melt and stretching continuous fibers. As basalt rock andesitobasalt is taken, and heating rock is conducted to the temperature of 1605 – 1700 °C, at that fiber is stretched at a rate of 4505 – 5500 m/min from the melt with a viscosity of 501 – 2100 PZ.