

The invention relates to the technology for preparation of acid-resistant inorganic fibers from fusion of rocks. The process comprises the supply of rock to the melting zone, heating of the rock to temperature of its melting, homogenizing of fusion and extraction of continuous fibers, beside as a rock andesite is used, but the heating of rock is carried out to temperature 1750-2100 °C and melt flow to 120-2750 poise.