

The invention relates to the field of starch obtaining. A process for obtaining of modified starch comprises treatment of starch with reagent aqueous solution followed by extrusion. Starch paster or gelatin with starting concentration of 0.3-0.7% is used as a reagent. Reagent solution is added to starch in weight ratio of 20-50:1. The extrusion is performed at 50-60°C. Obtained starch extrudate is heated during 60-70 with IR radiation with wavelength of 0.7-1.2 mkm at 20-22 kWt/m<sup>2</sup> and temperature of 150-180°C.