

99-0107

The invention refers to the processes for obtaining the adsorbent, and in particular, of the active coal.

Summary of the invention consists in that it is proposed a process for obtaining the adsorbent which includes preparation of the mixture of kernels and nutshells with the husk of sunflowers in the amount of 10...15 mass %, crumbing and treating thereof with an 10...12% acetic solution of barium salts, iron(II) and iron(III) in a molar proportion 1 : 2 : 4 during 96 hours, then with solution of potassium bicarbonate, separation from the solution, carbonisation and activization at 480...550°C in an isothermic regime during 2...3 h.

The result consists in obtaining the activated coal of a high porosity and ferromagnetic properties.