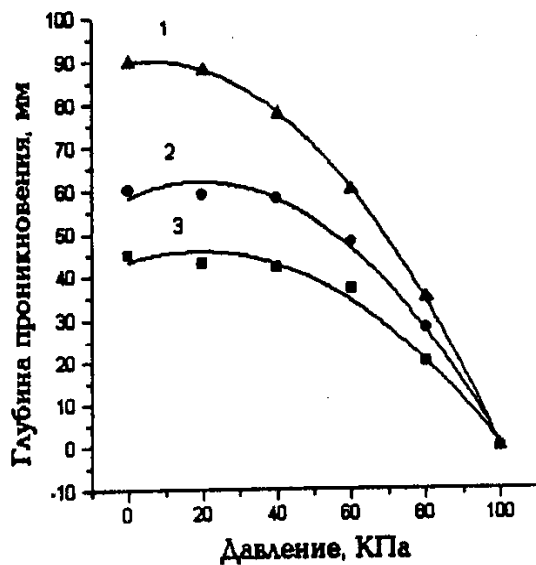
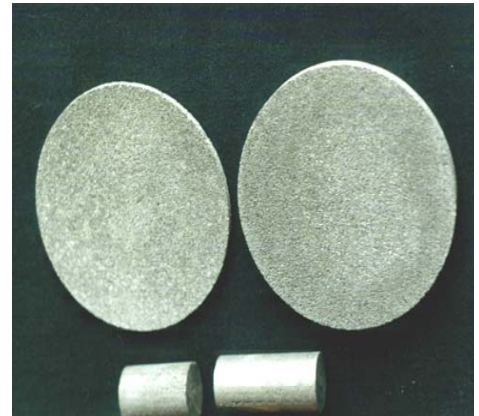




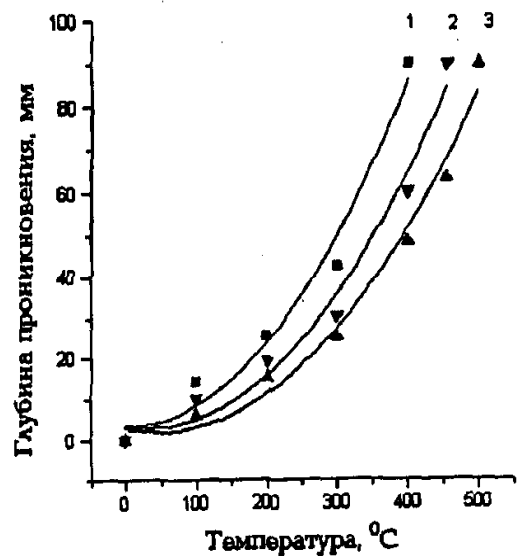
Porous materials on the base of aluminum

On the base of studying of compulsive percolation of alloys on the base of aluminum through dispersed particles the technology of obtaining of porous materials which are got in the result of etching out of the extender has been developed. The developed materials have a number of unique and especial properties and they must find their application in the new engineering.



The dependence of the depth of penetration of the melt AL2 from the pressure in the vacuumed mold:

- 1 - fraction KCl - 1-2мм
 - 2 - fraction KCl - 0,5-1мм
 - 3 - fraction KCl - 0,3-0,5мм
- $T_{\phi} = 400^{\circ}\text{C}$.



The dependence of the depth of penetration of the melt from the temperature of heating of the mold
 $P = 10 \text{ КПа}$