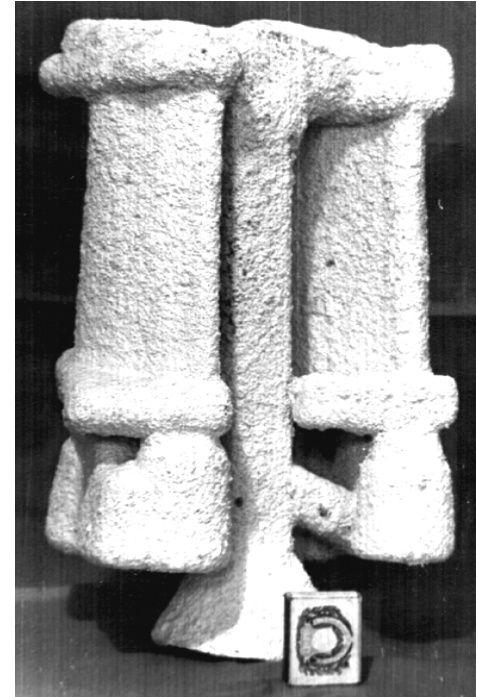




Ceramic materials for moulds and cores

The technology allow improve extremely such working characteristics of the mould and cores as strength, thermal stability, deformation start; to increase inertness in regard to alloy; to decrease and stabilize shrinkage with decreasing energetic consumption's at the expense of decreasing temperature and time of sintezing the to improve the removing

processes of ceramic residuals.



modifiers; except the interaction of a casting's surface and a mould, and to increase strength of a mould in 2,0-2,5 times.

A new method of hydrolysis of ethylsilicate was elaborated for the moulds with a bonding ethylsilicate. It allows to use the

