

# THE INFLUENCE OF THE INJECTION MOULDS TEMPERATURE OVER THE MANUFACTURING PRECISION OF THE POLIMERS WIDELY USED IN PRACTICE

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## Abstract

The paper presents a study on the influence of temperature moulds quality injected plastic parts than used in the industry.

It presents briefly the phenomena that occur in the injection process, also determine a set of equations on thermal phenomena that occur in the mould injected during work.

Continued presents two constructive solutions that contribute significantly to the homogenization temperature of semimoulds injected with one or more nests which increase the quality of parts.

In the second part of the paper presents a case study on the size of strains according to the water used in temperatura input circuit cooling.

It uses five types of polimer range of reckoning is widely used in practice.

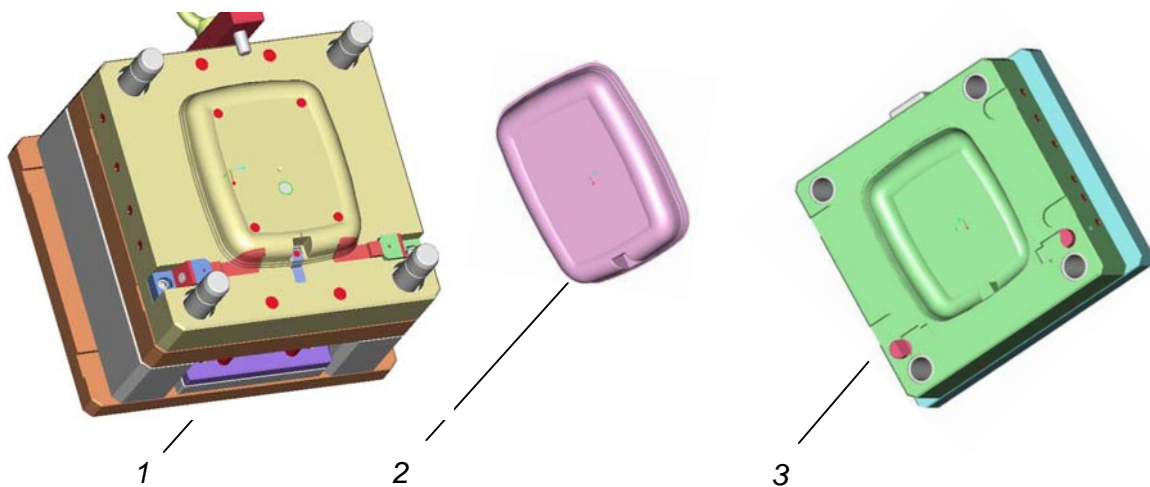


Fig 6. Experimental injecting mold 1-Mobile semi mold, 2-piece; 3 fixed semi mold

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