Future-Oriented Injection Molding Technologies

[Development of Unexplored Research Areas in Injection Molding Technologies]

Future-Oriented Injection Molding Technologies, Social Cooperation Program

Polymer Process Phenomena Engineering

http://www.snom.iis.u-tokyo.ac.jp/

Establishment of Future Injection Molding Technologies

In injection molding, a major polymer processing technology, the emergence of new hard-to-mold/-control materials such as long carbon fiber-reinforced resins and in-mold multiple processes such as molding and joining are making molding phenomena so complicated that original molding material characteristics are difficult to realize. This program aims to focus on unexplored technological/academic research areas that would lead to the development of future injection molding technologies for resolving these issues.

Cavity thickness: 30mm, Gate: side

Companies: FANUC Corporation, Sumitomo Heavy Industries, Ltd.,

Toyo Machinery & Metal Co., Ltd.

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