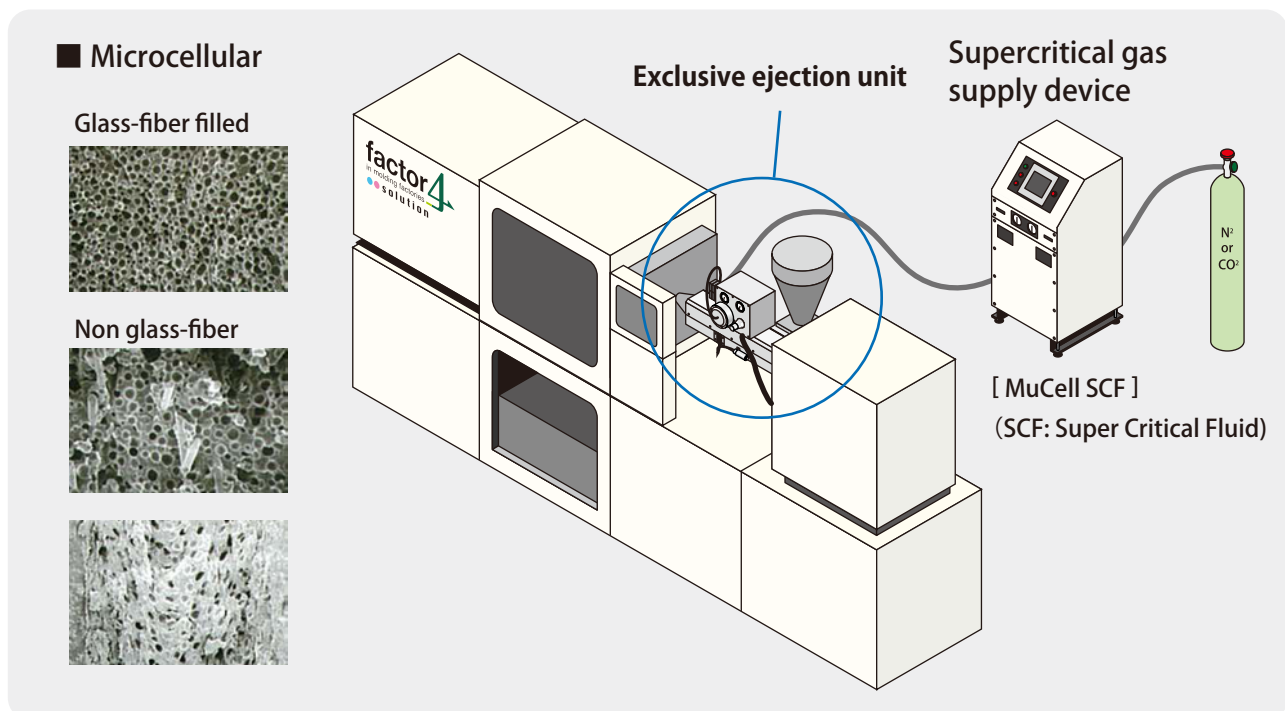


For All Molding Products

Lightening is a world-wide trend! Realize lower costs, shorter cycles, better part dimensions and lower material usage at the same time!

### Micro Cellular Foam Injection Molding Technology (MuCell®)

**Overview** This micro cellular foam injection molding technology is provided by TREXEL Inc. (U.S.A.) Directly injects super critical fluid that is vesicant into the injection unit (Plasticization unit) of the injection- molding machine. The process resin will dissolve fully in the mold by the injection machine and will form the ultra fine foam condition in the molded products.



- Features**
- The part becomes lighter due to the air type bubbles that form inside the molded part.
  - Parts become 25% lighter, surface quality is maintained with no sink marks on rib areas.
  - It allowing the weight of the more than 25% with combined with core-back method.

# 9

## 成形品の軽量化

### MEMO

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If you are looking for a best solution... [http://matsui-mfg.co.jp/factor4\\_solutions/](http://matsui-mfg.co.jp/factor4_solutions/)

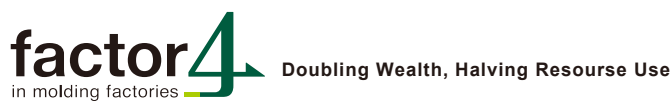


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**!** Information in this catalog is effective as of Sep2013.  
 Actual color of the product may slightly differ from the printing in this catalogue.  
 Rating and/or design of the product may change for improvement without prior notice.



Matsui, your Plastic molding partner for resorce reduction, propose to achieve 'factor 4' in molding factors.  
 We aim to increase productivity by 4times by achieving the following, 'Save Water', 'Save Rasin s' and 'save Energy'.