



11 Reduction in part weight

For All Molding Products

Productivity UP



Trexel

O

TAKCEL>

The combination of RHCM[®] and MuCell[®] processes brings about weight saving in molding products and surface quality improvement.

R&M molding system

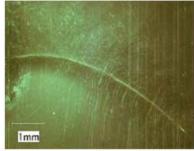


Same as MuCell[®], in R&M molding, foam cell becomes greater and breaks at the flow end during the process of filling the mold cavity with foaming material. Swirl marks remain on the product surface during filling.

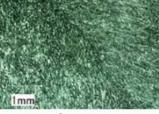
However, at the end of filling, the internal pressure is increased so that transferring is conducted, and the swirl marks disappear.

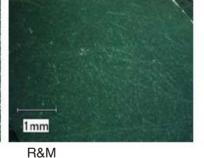
Photograph of surfaces around the weld lines.

Photograph shows magnified views of the surfaces around the weld lines. The weld line is almost even but a remarkable trace of broken bubbles remains along the direction of flow on the MuCell[®] product. The R&M product shows no weld lines or swirl marks.



Conventional injection molding





MuCell[®]

Features

- The surface quality of MuCell® product can be improved by RHCM®.
- It covers over swirl marks typical to MuCell[®], while maintaining all the advantages of MuCell[®] such as dimensional stability, elimination of warpage/sink mark.

*R&M, the combination of RHCM[®] and MuCell[®] is a patented intellectual property of OSK (Ono Sangyo Co.,Ltd).



MEMO







Doubling Wealth, Halving Resourse Use

 Osaka Head Office Addr:OBP PLAZA BLDG.17th F. 1-4-70, Shiromi, Chuo-ku, TEL:06-6942-9555 / FAX:06-6942-9559 Osaka 540-0001, Japan.

Tokyo Head Office

Addr:Shinosaki Kangyo BLDG .9F, 1-6-4, Oosaki, Shinagawa-ku, TEL:03-5436-3521 / FAX:03-3495-5331 Tokyo 141-0032, Japan.

 BRANCHES Matsui America, Inc. TEL: +1 847-290-9680 Matsui (Asia) Co.,Ltd. TEL: +66 02-324-0216 Matsui Mfg (Singapore) Pte. Ltd. TEL: +65 6744-9602 PT. Matsui Solutions Indonesia. TEL: +62 21-8379-3253 Korea Matsui Inc. TEL: +82 032-811-9400 Taiwan Matsui Co., Ltd. TEL: +886 2-8919-1556 Shanghai Matsui Machinery Co., Ltd. TEL: +86 21-5442-3111 Matsui Technologies India Ltd. TEL: +91 120-2397114

- Information in this catalog is current as of Augast 2021.
 The actual color of products may differ slightly from the printing in this catalog.
- · Product specifications and designs are subject to changes for improvements without prior notice.
- . The scope of warranty provided for Matsui MFG., Co., Ltd. machinery or devices is limited to repair or replacement of parts. Any defects of Matsui's machinery or products manufactured by using such machinery, as well as defects in product manufacturing are excluded from the warranty.

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'.

If you are looking for a best solution...

