Ultimate Injection Molding Technology and Pulp Injection Molding

Production Technology Research Group

YOKOLLAB.

[Ultimate Injection Molding Technology and Pulp Injection Molding]

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Recent Topics on Visualization and In-process Measurement Technologies for Injection Molding

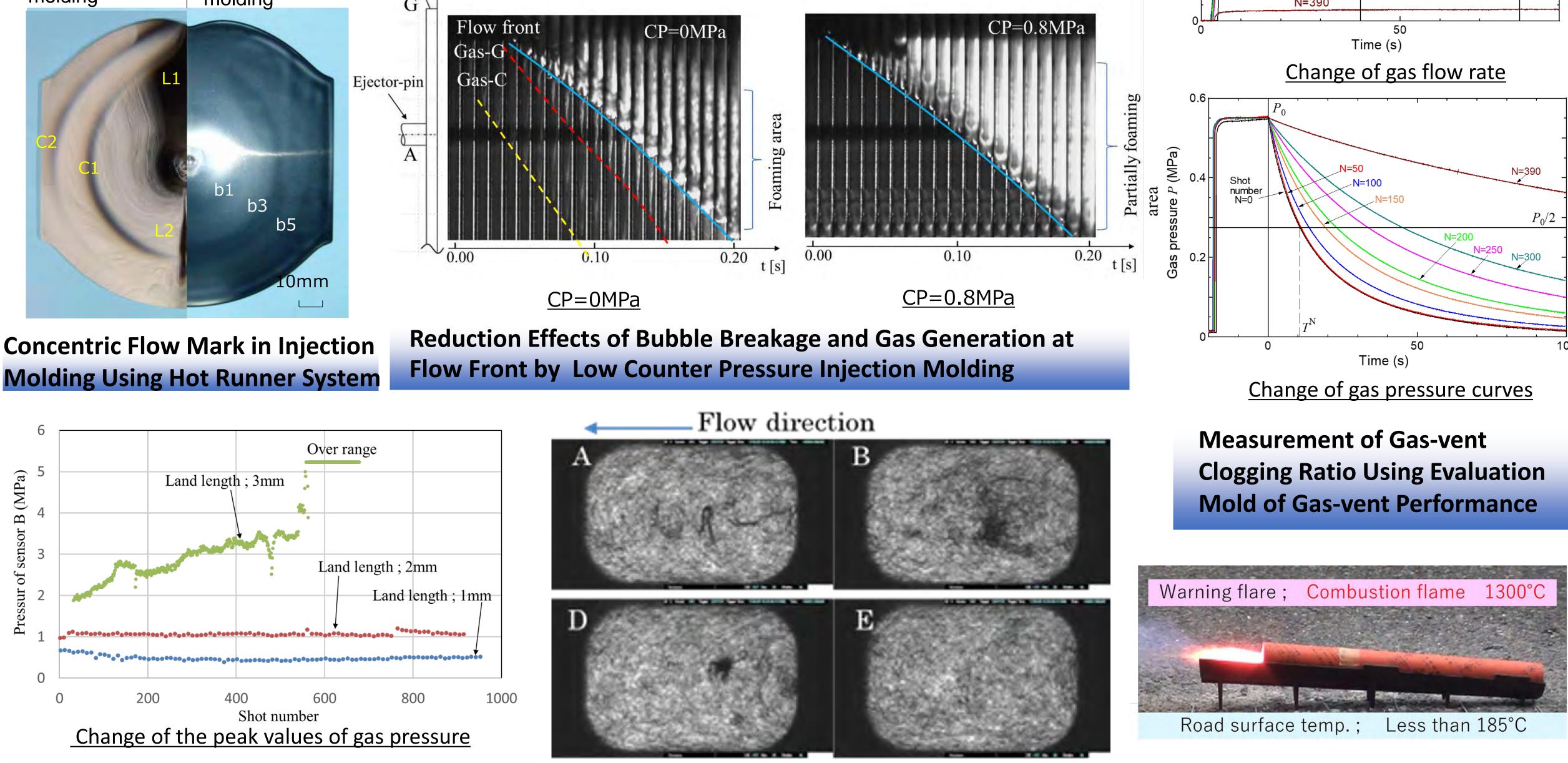
The Yokoi Laboratory is conducting the following projects; "Ultimate Injection Molding Technology" and "Pulp Injection Molding (PIM)". Visualization themes and in-process measurement technologies are introduced through the demonstration of recent analytical results and video visualization images. Development of PIM samples is also reported using typical molded samples on display.

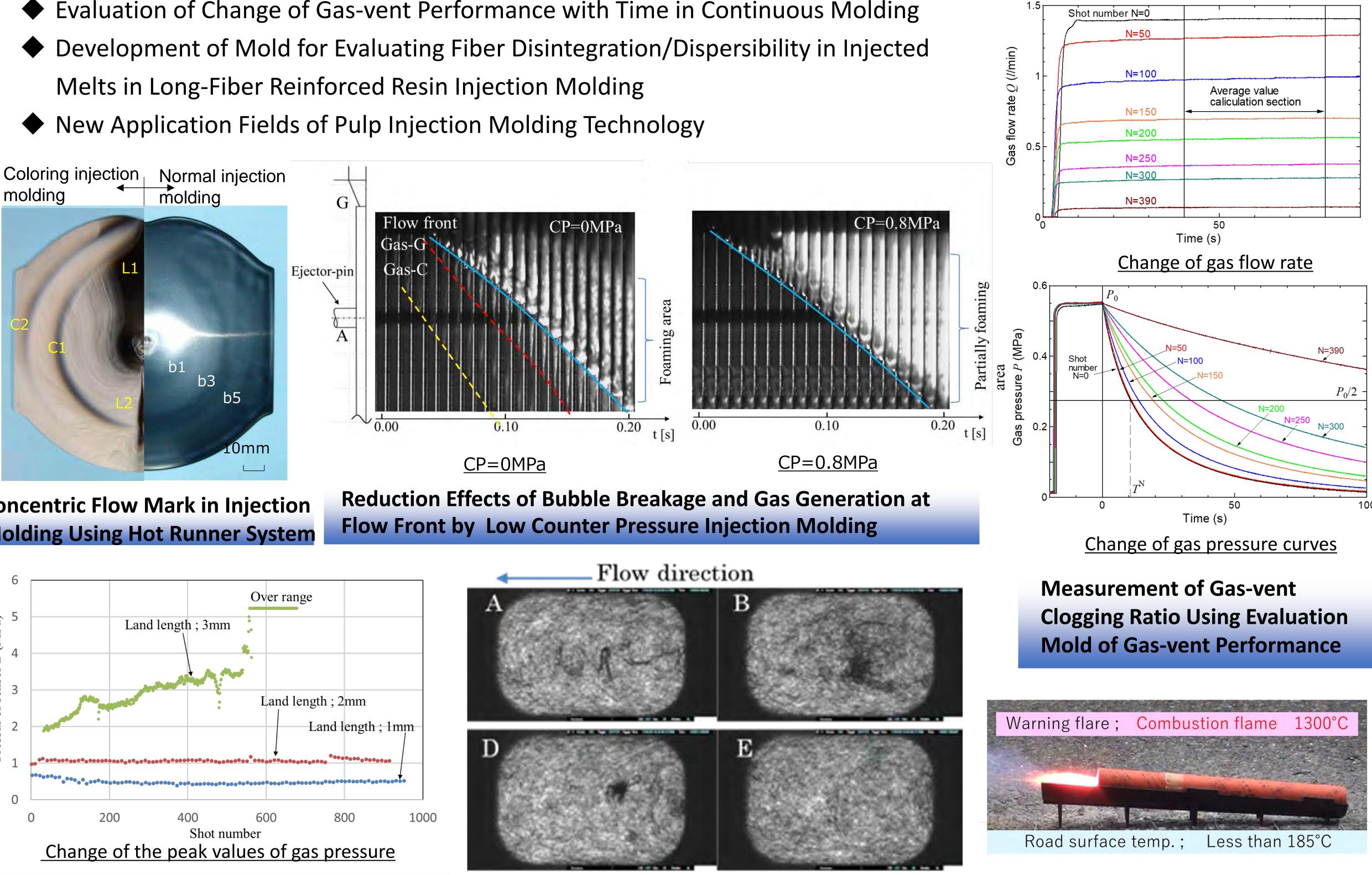
Analysis of Concentric Flow Mark Occurrence Phenomena in Injection Molding Using Hot Runner System

- Visualization Analysis of Reduction Effects of Bubble Breakage and Gas Generation at Flow Front by Low Counter Pressure Injection Molding
- Measurement of Gas-vent Clogging Ratio Using Evaluation Mold of Gas-vent Performance
- Evaluation of Change of Gas-vent Performance with Time in Continuous Molding
- Melts in Long-Fiber Reinforced Resin Injection Molding
- New Application Fields of Pulp Injection Molding Technology

molding molding

Flow front





Evaluation of Change of Gas-vent Performance Evaluation Images of Disintegrated Long Carbon

New Application Fields of Pulp Injection







