

Injection Compression Mold Technology

"Im-Pak" Technology

StackTeck Systems Inc. and Im-Pak Technologies Limited have reached an agreement to work as development partners on a new injection-compression technology for the production of ultra thin wall products.

This patented injection compression process utilizes a unique mold configuration that allows the full shot of resin to be injected before completion of the core side closing stroke.

This process has shown encouraging results based on several prototype applications.

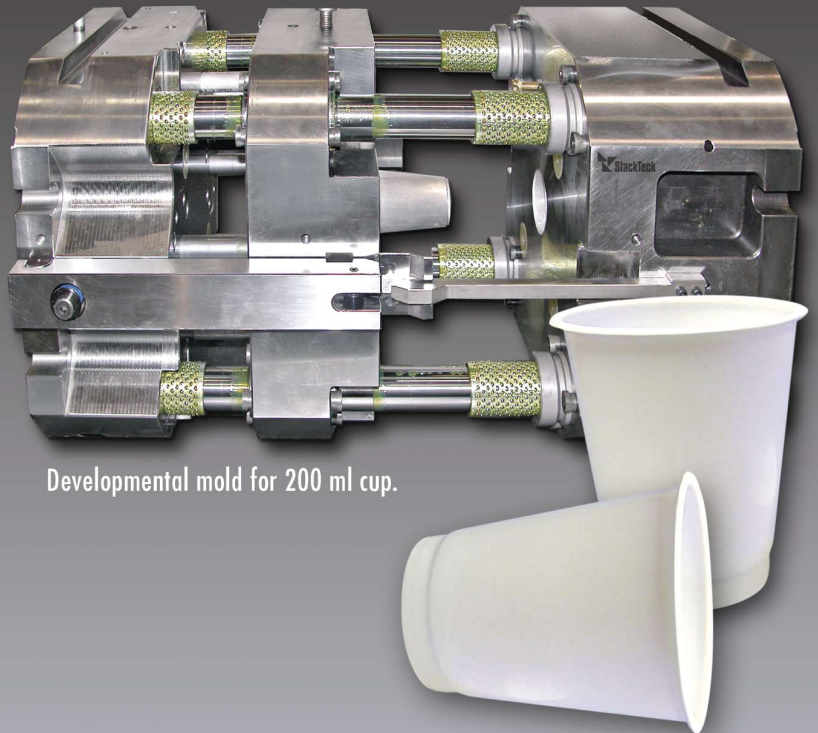
Benefits of the "Im-Pak" process:

- Parts can be molded with L/T ratios approximately 50% greater than conventional molds.
- Can compete with thermoforming on a part weight basis.
- Reduced injection cycle times.
- Profiled wall sections can include a thicker rim and stacking shoulder.

Typical Applications:

- Drink cups
- Food Packaging: yogurt, deserts, non-frozen, take-out
- Pails
- Noodle pots, soup cups
- Medical disposables

Call us today!



Developmental mold for 200 ml cup.



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