



PART# 9 (009)

Clasper Bottle

COMPETITION WINNER OF: 4th Annual Blow Molding Division Parts Competition
Beverage Category 1st Place
Packaging Division 2nd Place

SUBMITTED BY: Plastic Technologies Inc./Yumix LLC

PROCESSOR: Plastic Technologies Inc.

DESIGNER: Plastic Technologies Inc.

MOLDMAKER: Monroe Mold

OVERVIEW:

The Clasper™ bottle is a combination of two polyethylene terephthalate (PET) containers and a shrink label. The bottom holds 50 ml of premium alcohol and features a heat-applied aluminum-foil seal. The main bottle holds 6.5 ounces of hot-filled, shelf-stable juice and is topped by a 38 mm polypropylene closure. To use, the consumer simply separates the shrink sleeve at the seam between the top and bottom containers, via a perforation, unsnaps the bottom container from the base of the primary bottle, removes the heat seal and closure from the bottom and top components respectively, and pours the alcohol into the juice.

- ▶ Combination of two polyethylene terephthalate (PET) containers and a shrink label.
- ▶ Main bottle is hot-filled at 185 degrees Fahrenheit.
- ▶ Unsnap the bottom container from the base of the primary bottle for use.
- ▶ Removes the heat seal and closure from the bottom and top components respectively and dispenses into the upper container.
- ▶ Eliminates the need to premix the juice and alcohol, since the enzymes in the juice would quickly alter the taste.
- ▶ The top and bottom bottle shapes flow together aesthetically; the graphics of the label highlight the existence of two unique packages.
- ▶ Creating the bottom alcohol-container container was challenging because it is so short and wide relative to the size of the 20mm finish. A tiny preform had to be developed from which to blow the bottle