BLANK FOR CONTAINER

PRIORITY CLAIM

[0001] This application claims priority under 35 U.S.C. § 119(e) to U.S. Provisional Application Serial No. 61/737,406, filed December 14, 2012, which is expressly incorporated by reference herein.

BACKGROUND

[0002] The present disclosure relates to vessels, and in particular to insulated blanks for containers. More particularly, the present disclosure relates to a blank for an insulated container formed from polymeric materials.

SUMMARY

[0003] A vessel in accordance with the present disclosure is configured to hold a product in an interior region formed in the vessel. In illustrative embodiments, the vessel is an insulated container such as a drink cup, a tray, or a box. In particular, disclosed herein is a

a base including at least a first edge, a second edge spaced apart from the first edge, a third edge, and a fourth edge spaced apart from the third edge,

a first side wall coupled to the base along the first edge,

a second side wall coupled to the base along the second edge,

a front wall couple to the base along the third edge, and

a back wall coupled to the base along the fourth edge,

wherein the blank is made from a sheet of insulative cellular non-aromatic polymeric material.

[0004] In illustrative embodiments, a blank may be arranged to establish a container. The blank includes a base, a first side wall, a second side wall, a front wall, and a back wall. Together the base, the first side wall, the second side wall, the front wall, and the back wall cooperate to define an interior region therebetween. In illustrative embodiments, the blank is made from a sheet including an insulative cellular non-aromatic polymeric material.

[0005] In illustrative embodiments, the insulative cellular non-aromatic polymeric material included in the blank is configured in accordance with the present disclosure to provide means for enabling localized plastic deformation in at least one selected region of the body (e.g., the region interconnecting the base and the first side

wall) to provide (1) a plastically deformed first material segment having a first density in a first portion of the selected region of the blank and (2) a second material segment having a relatively lower second density in an adjacent second portion of the selected region of the blank. In illustrative embodiments, the more dense first material segment is thinner than the second material segment.

[0006] Additional features of the present disclosure will become apparent to those skilled in the art upon consideration of illustrative embodiments exemplifying the best mode of carrying out the disclosure as presently perceived.