

Pallet container

Abstract

The present invention relates to a pallet container (10) for storing and for transporting in particular hazardous liquid or free-flowing filling materials, having a thin-walled rigid inner container (12) from a thermoplastic plastics material, having a tubular lattice frame (14) of horizontal and vertical tubular bars (18, 20) which are welded to one another, said tubular lattice frame (14) as a supporting jacket tightly enclosing the plastics-material inner container (12), and having a base pallet (16) on which the plastics-material inner container (12) bears and to which the tubular lattice frame (14) is fixedly connected, wherein the base pallet (16) is configured as a composite embodiment or as a frame pallet having corner feet (22) and central feet (24) from plastics material, steel, or timber, wherein for stacking pallet containers (10) of identical types on top of one another a clearance (32) in the corner feet (22) and the central feet (24) is provided on the base along the external edges of all four sidewalls of the base pallet (16), said clearance (32) being configured such that when stacking two pallet containers (10) on top of one another, the uppermost encircling horizontal tubular bar (18) of the tubular lattice frame (14) of a pallet container (10) stacked therebelow engages or "nests" in a mutually adapted and form-fitting manner in the clearance (32), wherein for a secure transportation of two filled pallet containers (10) stacked on top of one another by means of a forklift truck, a deeper clearance (32) is formed such that it is deeper, i.e. up to twice as deep (or high) in the vertical direction than in the horizontal or radial direction.

(Figure 1)